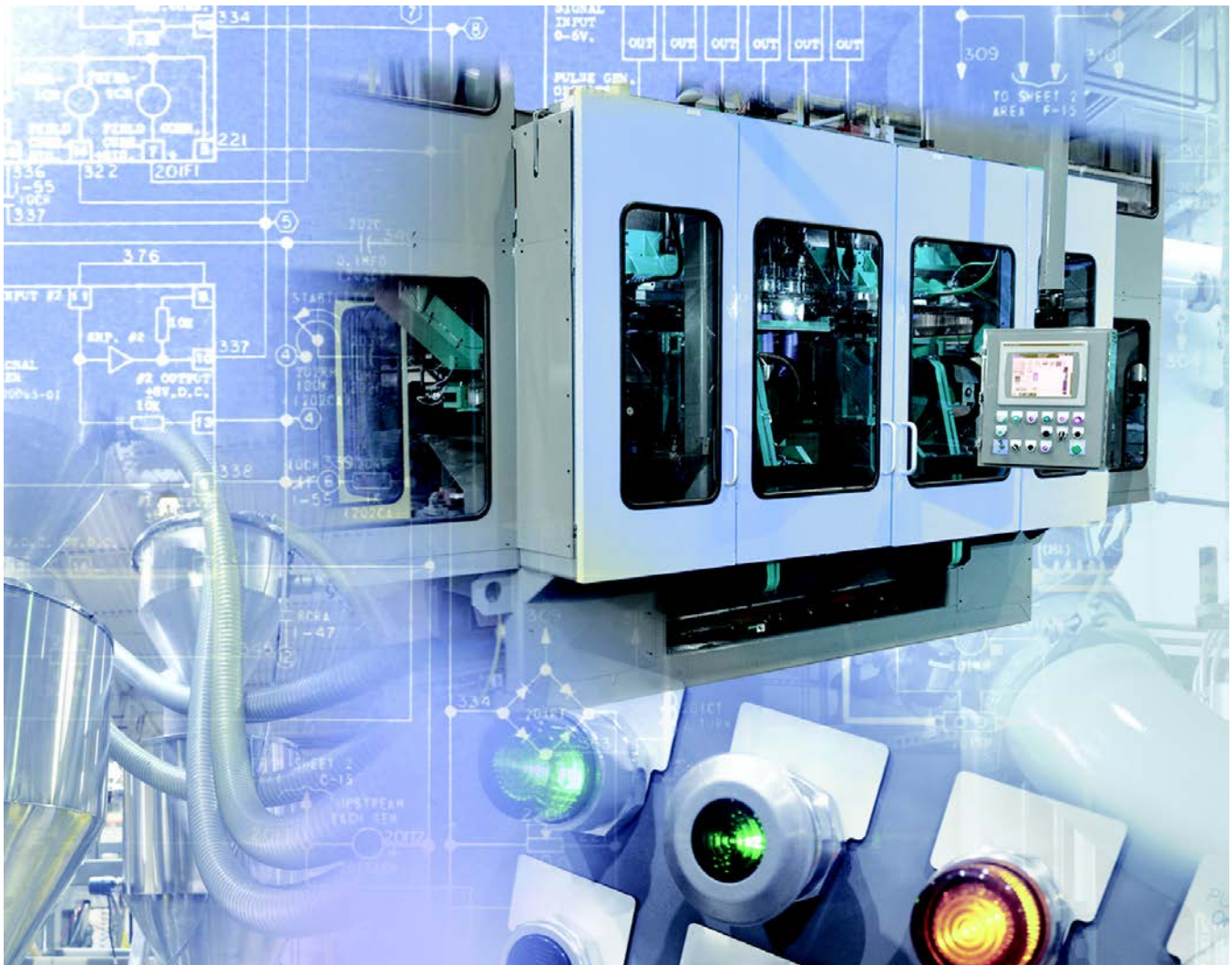


Visualization Solutions



- [PanelView Plus 6 Terminals](#)
- [PanelView Plus 7 Standard Terminals](#)
- [PanelView Plus 7 Performance Terminals](#)
- [MobileView Tethered Operator Terminals](#)
- [PanelView 5500 Terminals](#)
- [PanelView 800 Terminals](#)
- [Industrial Computers and Monitors](#)

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This selection guide is meant to help make initial decisions for the visualization products best suited for your system requirements. For detailed technical specifications, certifications, and environmental specifications, see the documentation links on the front cover of this selection guide.

For assistance and validation in making final product selections, consider using the Configuration and Selection tools available at <http://www.rockwellautomation.com/en/e-tools/index.html>.

Adding Visualization to Your Control System

As a machine builder or end user, you design control solutions with an eye toward improving safety, higher levels of performance and efficiency, and better integration with the rest of the manufacturing operation. To achieve these goals, you need a scalable, modular control system that offers safety, throughput and information management capabilities to match each application's requirements.

The Integrated Architecture™ system is unique in that it offers scalable, integrated safety, motion control, and visualization capabilities that are ideal for machine builders and end users who want a single control and development environment, regardless of the application size or complexity.

The visualization products comprise a suite of scalable HMI software and operator interface hardware that provide plant floor machine operators, supervisors, engineers, and business managers a window to critical data, and production and process information. And all this can be done from the plant floor or remotely from a web browser.

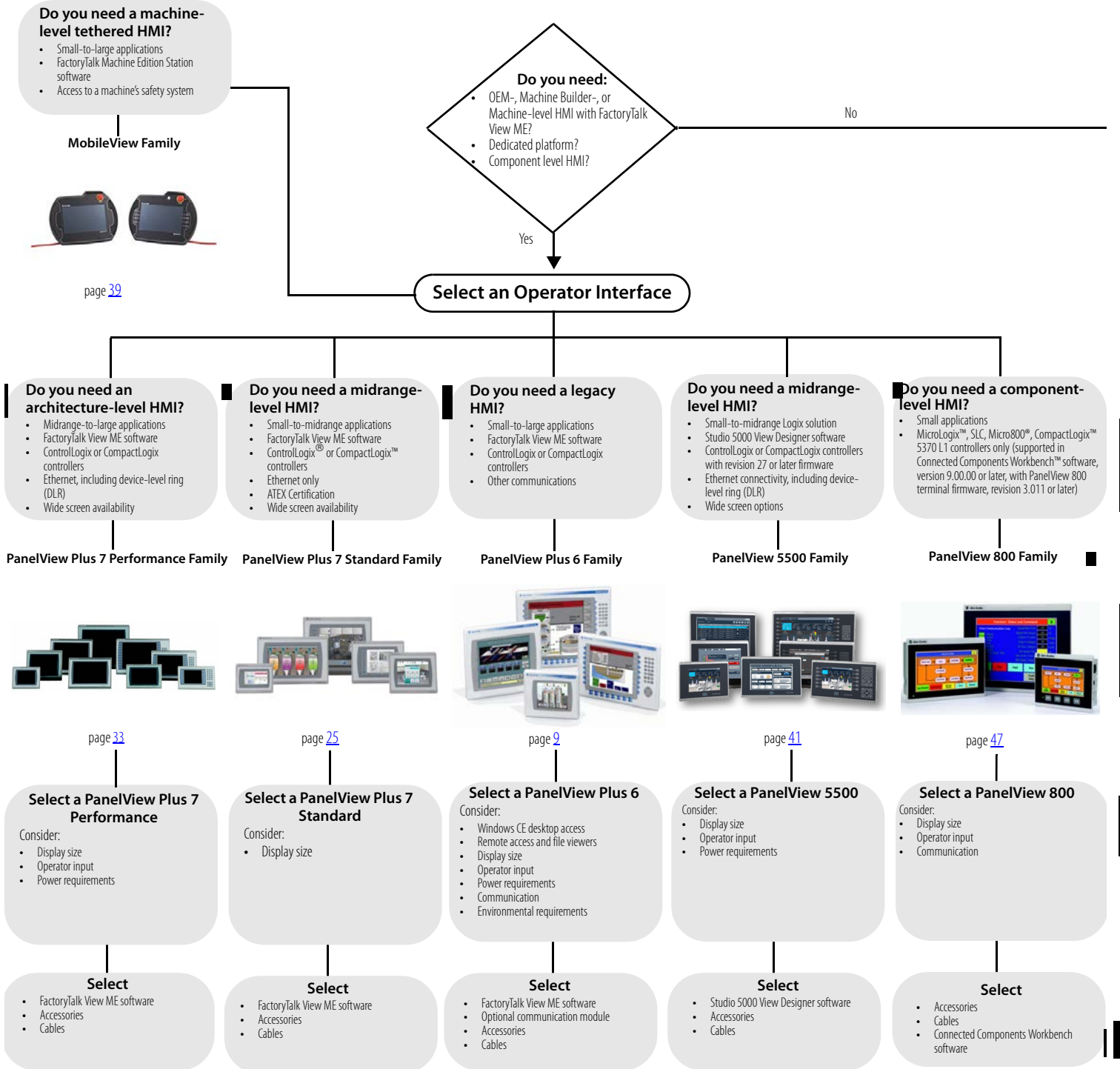
Whether it's a machine-level or site-level HMI, a Windows CE platform, a smaller component HMI, or an industrial computer, Rockwell Automation has a portfolio of visualization solutions to match your system requirements.

PanelView™ Plus 6 terminals, PanelView Plus 7 Standard terminals, PanelView Plus 7 Performance terminals, MobileView tethered operator terminals, PanelView 5500 terminals, PanelView 800 terminals, FactoryTalk® View Machine Edition, and FactoryTalk View Site Edition provide premier integration in a number of ways:

- Reduce programming time with Logix native addressing and the ability to browse directly to Logix tags without creating a separate database.
- Simplify interaction of all networks with support for all Core Integrated Architecture CIP networks including EtherNet/IP, ControlNet, and numerous other drivers.
- Simplify development time with pre-engineered, pre-tested faceplates for specific motion, drives, and process applications.

Notes:

Visualization Platforms



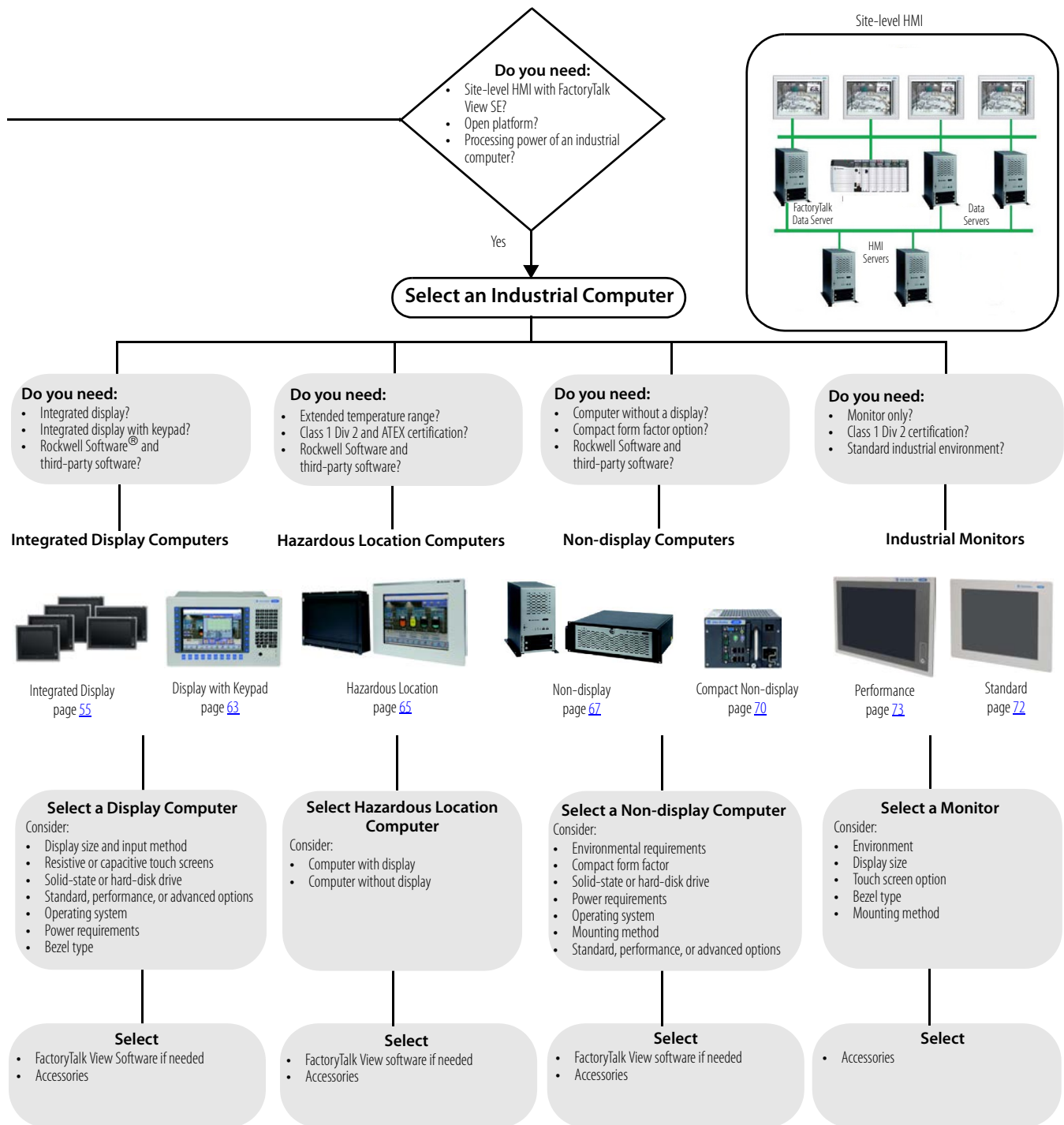
For technical specifications, certifications, and environmental specifications on the PanelView Plus 7 Performance terminals, refer to the PanelView Plus 7 Performance Terminals Technical Data, publication [2711P-TD009](#).

For technical specifications, certifications, and environmental specifications on the PanelView Plus 7 Standard terminals, refer to the PanelView Plus 7 Standard Terminals Technical Data, publication [2711P-TD008](#).

For technical specifications, certifications, and environmental specifications on the PanelView Plus 6 terminals, refer to the PanelView Plus 6 Specifications Technical Data, publication [2711P-TD005](#).

For technical specifications, certifications, and environmental specifications on the PanelView 5500 terminals, refer to the PanelView 5500 Specifications Technical Data, publication [2715-TD001](#).

For technical specifications, certifications, and environmental specifications on the PanelView 800 terminals, refer to the PanelView 800 Terminals Technical Data, publication [2711R-TD001](#).



For technical specifications, certifications, and environmental specifications on the industrial computers and monitors, refer to the Industrial Computers and Monitors Specifications Technical Data, publication [IC-TD001](#).

HMI Terminal Comparison

This table provides a quick glance at comparisons between the different HMI terminal platforms.

HMI Terminal Comparison

Characteristic	2711P PanelView Plus 6 700, 1000, 1250, 1500	2711P PanelView Plus 6 400, 600	2711P PanelView Plus 6 Compact 400, 600, 1000	2711P PanelView Plus 7 Standard 400W, 600, 700, 900W, 1000, 1200W, 1500	2711P PanelView Plus 7 Performance 700, 900W, 1000, 1200W, 1500, 1900	2711 T MobileView Tethered Operator Terminals	2715 PanelView 5500 700, 900W, 1000, 1200W, 1500, 1900	2711R PanelView 800 4-in, 7-in, 10-in 2711C PanelView Component C200 and C300
Display	700: 6.5 in. color TFT 1000: 10.4 in. color TFT 1250: 12.1 in. color TFT 1500: 15 in. color TFT	400: 3.5 in. color TFT 400: 3.5 in. grayscale 600: 5.7 in. color TFT 600: 5.7 in. grayscale	400: 3.5 in. color TFT 400: 3.5 in. grayscale 400: 3.5 in. low reflective 600: 5.5 in. color TFT 1000: 10.4 in. color TFT	400W: 4.3 in. color TFT LCD 600: 5.7 in. color TFT LCD 700: 6.5 in. color TFT LCD 900W: 9 in. color TFT LCD 1000: 10.4 in. color TFT LCD 1200W: 12.1 in. color TFT LCD 1500: 15 in. color TFT LCD	700: 6.5 in. color TFT LCD 900W: 9 in. color TFT LCD 1000: 10.4 in. color TFT LCD 1200W: 12.1 in. color TFT LCD 1500: 15 in. color TFT LCD 1900: 19 in. color TFT LCD	10.1 in. WXGA/1280 x 800 pixels Analog resistive	700: 6.5 in. color TFT LCD 900W: 9 in. color TFT LCD 1000: 10.4 in. color TFT LCD 1200W: 12.1 in. color TFT LCD 1500: 15 in. color TFT LCD 1900: 19 in. color TFT LCD	PV800: 4-in. color TFT LCD PV800: 7-in. color TFT LCD PV800: 10-in. color TFT LCD C200: 2 in. mono C300: 3 in. mono
Input type	All models: keypad All models: touch screen All models: keypad/touch screen	400: keypad/touch screen 400: keypad 600: touch screen, keypad, or keypad/touch screen	400: keypad/touch screen 400: keypad 600: touch screen 1000: touch screen	All models: touch screen	700: touch screen 700: keypad/touch screen 900W: touch screen 1000: touch screen 1000: keypad/touch screen 1200W: touch screen 1500: touch screen 1500: keypad/touch screen 1900: touch screen	Function keys/touch Touch	700: touch screen 700: keypad/touch screen 900W: touch screen 1000: touch screen 1000: keypad/touch screen 1200W: touch screen 1500: touch screen 1500: keypad/touch screen 1900: touch screen	PV800 4-in.: touch screen + 4 keys PV800 7-in./10-in.: touch screen C200: 4 keys or 10 keys+numeric C300: touch screen or 10 keys +numeric
Built-in communication ports	RS-232 Ethernet 2 USB host and 1 USB device	RS-232 Ethernet 1 USB host and 1 USB device	RS-232 Ethernet 1 USB host and 1 USB device (400 and 600 only) 2 USB host and 1 USB device (1000 only)	Ethernet 1 USB host and 1 USB device	DLR Ethernet (built in) 2 USB host and 1 USB device	10/100 Ethernet	DLR Ethernet (built in) 2 USB host and 1 USB device	RS232/RS422/RS485 (isolated) 1 USB host and 1 USB device EtherNet/IP and Modbus TCP: PV800 4-in./7-in./10-in. only
Add-on communication module	Ethernet DH+™, DH-485, ControlNet	None	None	None	None	None	None	None
Serial communication	RS-232: DF1 or DH-485	RS-232: DF1 or DH-485	RS-232: DF1 or DH-485	None	None	None	None	Serial: CIP, DF1, DH485, Modbus, Modbus ASCII, and Modbus Unsolicted
Programming software	FactoryTalk View ME 6.0 or later ViewPoint web server 1.2 or later	FactoryTalk View ME 6.10 or later	FactoryTalk View ME 6.10 or later	FactoryTalk View Studio for Machine Edition, version 7.0 or later	FactoryTalk View Studio for Machine Edition, version 8.0 or later	FactoryTalk Machine Edition Station	Studio 5000 environment with single portal to View Designer and Logix Designer applications	Connected Components Workbench software
Operating system	Windows CE 6.0 operating system supports these features: <ul style="list-style-type: none"> FTP Server VNC client/server PDF reader Active X controls Third-party device support For additional functionality, order terminals with optional extended features: ⁽¹⁾ <ul style="list-style-type: none"> Internet Explorer web browser Remote desktop connection Media player File viewers for Microsoft Office Word, PowerPoint, and Excel WordPad text editor 	Windows CE 6.0 operating system supports these features: <ul style="list-style-type: none"> FTP Server VNC client/server PDF reader Active X controls Third-party device support The 600 color terminals are available with optional extended features: ⁽¹⁾ <ul style="list-style-type: none"> Internet Explorer web browser Media player File viewers for Microsoft Office Word, PowerPoint, and Excel WordPad text editor 	Windows CE 6.0 operating system supports these features: <ul style="list-style-type: none"> FTP Server VNC client/server PDF reader Active X controls Third-party device support 	Windows CE 6.0 operating system supports these features: <ul style="list-style-type: none"> FTP Server VNC client/server PDF reader Active X controls Third-party device support 	Windows CE with Extended Features and MS Office Viewers supports these features: <ul style="list-style-type: none"> FTP Server VNC client/server PDF reader ActiveX controls Third-party device support 	Microsoft Windows Embedded Standard 7 SP1	None	None
Open or closed system	Open or closed desktop	Open or closed desktop	Open or closed desktop	Open or closed desktop	Open or closed desktop	Closed desktop	Closed desktop	Closed desktop
Memory	512 MB nonvolatile/512 MB RAM	512MB nonvolatile/256 MB RAM	512MB nonvolatile/256 MB RAM (400 and 600 only) 512 MB nonvolatile/512 MB RAM (1000 only)	512 MB RAM and 512 MB storage 100 MB nonvolatile storage for applications	1 GB RAM and 512 MB storage	4 GB DRAM/32 GB Flash	512 MB RAM and 250 MB storage	128MB RAM and 128MB storage (PV800 4-in.) 256MB RAM and 256MB storage (PV800 7-in. and PV800 10-in.) 64 MB nonvolatile/64 MB RAM (C200 and C300)
External storage	Secure Digital (SD) card 2 USB drives	Secure Digital (SD) card 1 USB drive	Secure Digital (SD) card 1 USB drive (400 and 600 only) 2 USB drives (1000 only)	Secure Digital (SD) card 1 USB drive	Secure Digital (SD) card 1 USB drive	1 USB drive slot	2 USB drives	USB drive/SD card: PV800 4-in./7-in./10-in. USB drive: C200/C300

HMI Terminal Comparison (continued)

Characteristic	2711P PanelView Plus 6 700, 1000, 1250, 1500	2711P PanelView Plus 6 400, 600	2711P PanelView Plus 6 Compact 400, 600, 1000	2711P PanelView Plus 7 Standard 400W, 600, 700, 900W, 1000, 1200W, 1500	2711P PanelView Plus 7 Performance 700, 900W, 1000, 1200W, 1500, 1900	2711 T MobileView Tethered Operator Terminals	2715 PanelView 5500 700, 900W, 1000, 1200W, 1500, 1900	2711R PanelView 800 4-in, 7-in, 10-in 2711C PanelView Component C200 and C300
Power	AC or DC	AC or DC	DC	DC	AC or DC	DC	AC or DC	DC
Preferred controller	ControlLogix	CompactLogix	CompactLogix	CompactLogix	ControlLogix or CompactLogix 5370	ControlLogix or CompactLogix	ControlLogix or CompactLogix	Micrologix,SLC, Micro800, and CompactLogix 5370 L1 controllers only (supported in Connected Components Workbench software, version 9.00.00 or later, with PanelView 800 terminal firmware, revision 3.011 or later)
Capabilities	<ul style="list-style-type: none"> High memory capacity Desktop access enabled or disabled Backup and restore function Multi-network/multivendor connectivity Alarm messages (email alarms) Recipes Trending Data logging 	<ul style="list-style-type: none"> Multi-network/multivendor connectivity Alarm messages Recipes Trending Data logging 	<ul style="list-style-type: none"> Single controller 25 displays 200 alarm messages Recipes Trending Data logging 	<ul style="list-style-type: none"> High memory capacity Desktop access enabled or disabled Backup and restore function Alarm messages (email alarms) Recipes Trending Data logging Single controller 25 displays 200 alarm messages 	<ul style="list-style-type: none"> Ethernet communication that can support device-level ring (DLR), linear, or star network topologies High memory capacity Desktop access enabled or disabled Backup and restore function Alarm messages (email alarms) Recipes Trending Data logging 	<ul style="list-style-type: none"> Operator panel for machines and plants Access to the safety system of the machine and the general interface to its control system Teach and programming panel for robots Test, maintenance, and startup 	<ul style="list-style-type: none"> Ethernet communication that can support device-level ring (DLR), linear, or star network topologies Alarming Trending Vector graphics 	<ul style="list-style-type: none"> Single device 25 displays^{(2) (3)} 200 tags^{(2) (3)} 150 alarms^{(2) (3)} Recipe upload/download Trending Data logging
Key differentiators	<ul style="list-style-type: none"> Windows CE desktop access Larger application size Pre-engineered faceplates for motion, process, and drives Native Logix addressing Direct referencing of Logix tags Modular hardware simplifies system integration and updates FactoryTalk View Machine Edition comes installed and activated 	<ul style="list-style-type: none"> Windows CE desktop access Pre-engineered faceplates for motion, process, and drives Native Logix addressing Direct referencing of Logix tags Modular hardware simplifies system integration and updates FactoryTalk View Machine Edition comes installed and activated 	<ul style="list-style-type: none"> Windows CE desktop access Single controller for midrange applications Pre-engineered faceplates for motion, process, and drives Native Logix addressing Direct referencing of Logix tags FactoryTalk View Machine Edition comes installed and activated 	<ul style="list-style-type: none"> Windows CE desktop access Pre-engineered faceplates for motion, process, and drives Native Logix addressing Direct referencing of Logix tags Modular hardware simplifies system integration and updates FactoryTalk View Machine Edition comes installed and activated Single controller for midrange applications 	<ul style="list-style-type: none"> Windows CE desktop access Pre-engineered faceplates for motion, process, and drives Native Logix addressing Direct referencing of Logix tags Modular hardware simplifies system integration and updates FactoryTalk View Machine Edition comes installed and activated 	<ul style="list-style-type: none"> Windows Embedded Standard 7 Pre-engineered faceplates for motion, process, and drives Direct referencing of Logix tags FactoryTalk View Machine Edition comes activated and installed Increased operator productivity for line-of-sight applications 	<ul style="list-style-type: none"> Vector graphics Logix-based alarms High-speed HMI button Run-time error notifications 	<ul style="list-style-type: none"> Component-level device for small applications One single software for HMI and Micro800 controller programming⁽⁴⁾ Off-line tag browsing supported with Micro800

(1) Extended features are available by ordering catalog numbers ending in 9, for example, 2711P-Kxxxx9, 2711P-Bxxxx9, 2711P-Txxxx9.

(2) These are the recommended limits for optimized performance with Micro800. The actual product limits will be much higher. For details, refer to the PanelView Component DesignStation help.

(3) These are hard limits for CompactLogix 5370 L1 controllers only.

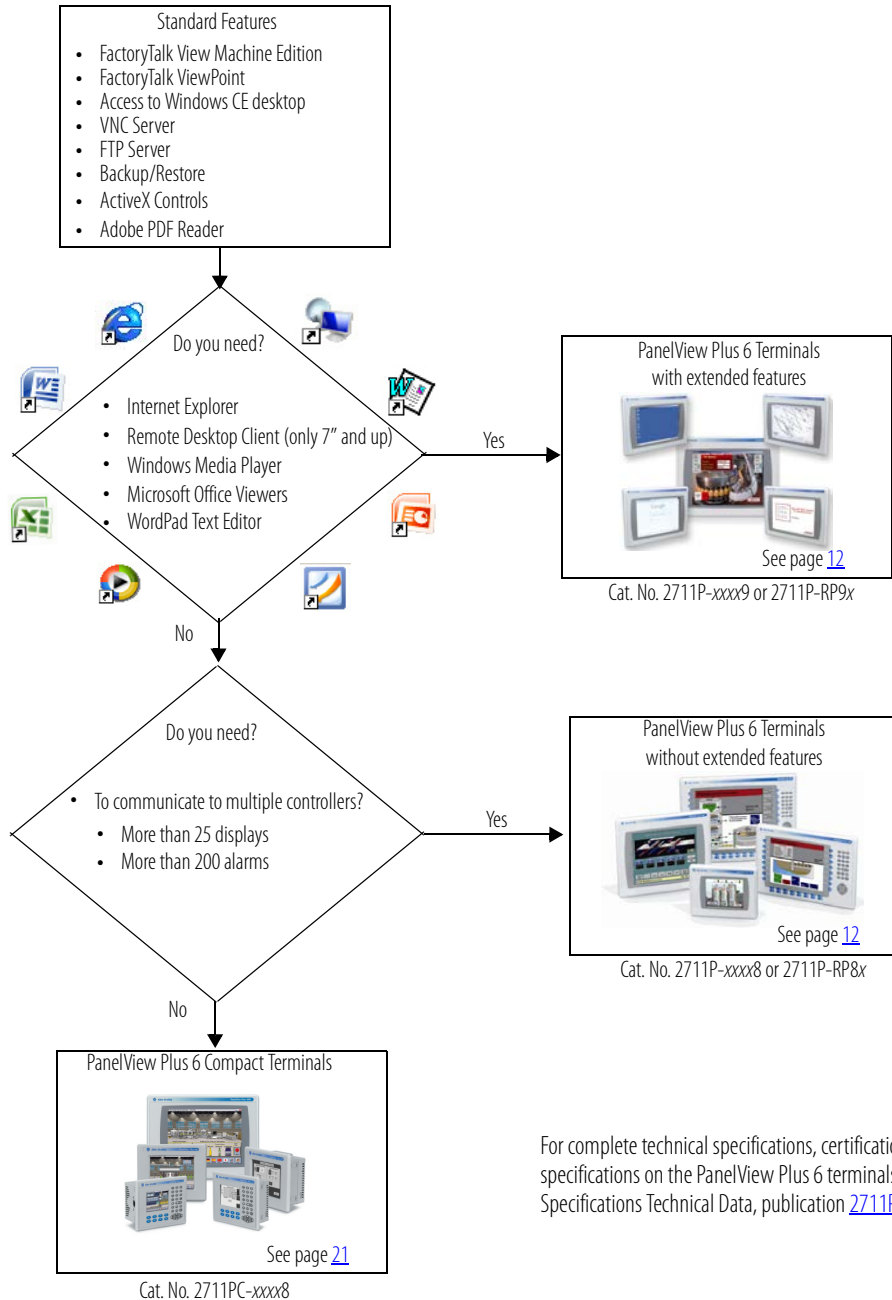
(4) CompactLogix 5370 L1 controller programming requires Logix Designer software.

PanelView Plus 6 Terminals

PanelView Plus 6 HMI devices give operators a clear view into monitoring and controlling applications. With FactoryTalk View Machine Edition already installed and activated, development time is reduced. The PanelView Plus 6 family of products provides a broad range of rugged terminals that offer the following:

- Premier integration with the Integrated Architecture platform
- Real-time monitoring of a terminal's displays from a web browser
- Common development software
- Scalable 4 to 15-inch displays with a touch screen, keypad, or both

Selecting a PanelView Plus 6 Platform



For complete technical specifications, certifications, and environmental specifications on the PanelView Plus 6 terminals, refer to the PanelView Plus 6 Specifications Technical Data, publication [2711P-TD005](#).

Typical Configurations

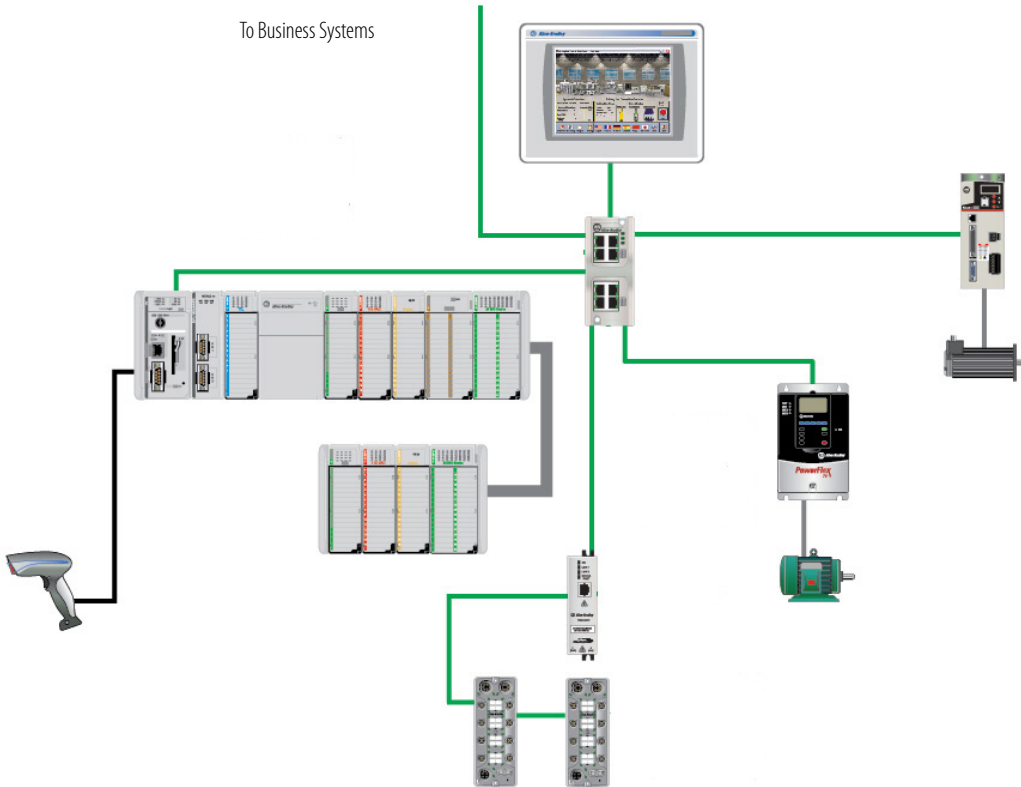
This figure shows a configuration where a PanelView Plus terminal is used with a Logix controller in standalone or machine-level mode using serial connectivity.

Standalone Machine



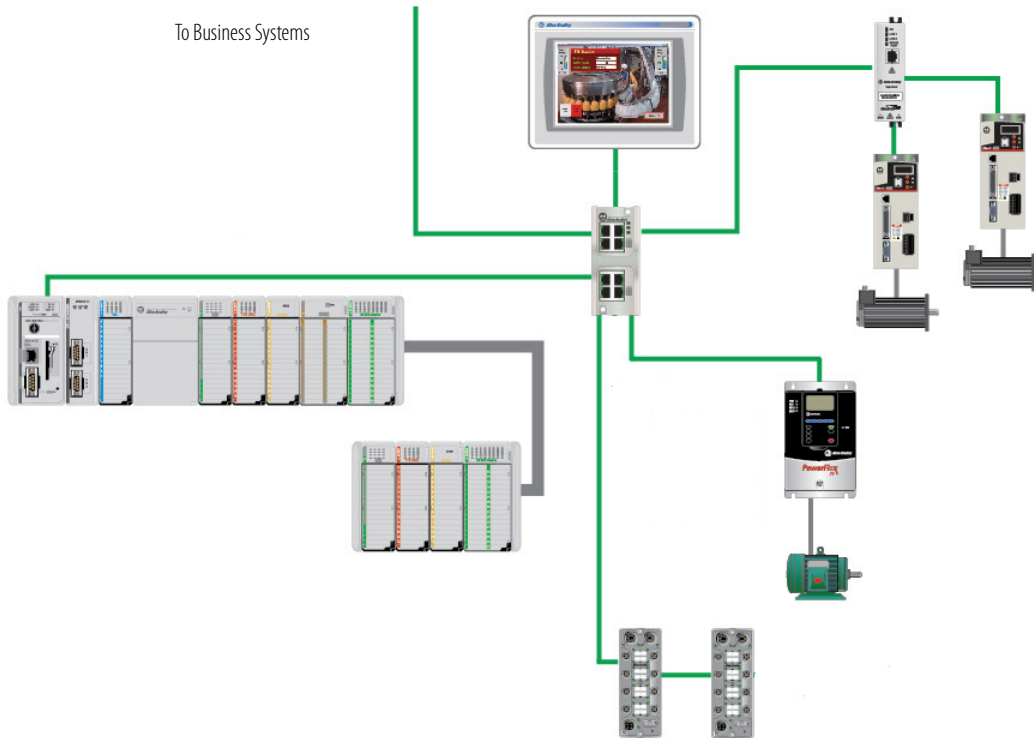
In this figure, a PanelView Plus 6 Compact terminal and the 1769-L3x CompactLogix system provide an integrated solution for midsize applications. Typically, these applications are machine-level control applications that require smaller I/O quantities and more communication capabilities than serial connectivity.

Midsize Application



In this figure, a PanelView Plus 6 terminal communicates with all devices by using EtherNet/IP communication. A Logix controller along with a Kinetix® 300 servo drive offer a scalable power platform cost-sensitive applications, such as simple packaging machinery, indexing tables, automatic assembly equipment, tool changing machinery, and feed and withdrawal equipment.

Indexing Motion



PanelView Plus 6 Terminals - 700 to 1500

This platform use modular components with value-added options for flexible system configuration. These components are usable across the entire PanelView Plus 6 platform and install with minimal effort:

- Color display modules ranging from 6.5 to 15-inches in size with either key, touch screen, or combination key/touch-screen input
- Windows CE logic modules providing desktop access
- Optional communication modules for network communication



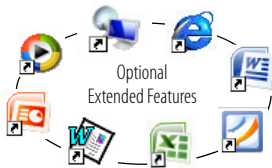
Configured terminals with a display module and logic module can be ordered as a single catalog number or as separate components for field installation.

A high-bright display for outdoor use, plus conformal-coated and marine-certified components, extend this platforms ability to operate in environments with even more stringent and varying requirements.

The core component of this platform is the high-performance logic module that runs a closed or open Windows CE desktop environment with optional, extended features and file viewers. System integrators and OEMs can configure and deploy systems that allow or restrict desktop access.

Logic Module Features

Features	Description
High memory capacity	512 MB nonvolatile memory and 512 MB RAM
Power input	AC or DC
Network interface	For optional DH+, DH-485, or ControlNet communication module
Communication ports	Ethernet, RS-232 serial
USB ports	2 USB host ports for connecting a USB mouse, keyboard, printer, and USB drives that are hot swappable 1 USB device port for connecting a host personal computer
Secure Digital (SD) card slot	Hot-swappable card slot supports 1784-SDx SD cards for transferring files, upgrading firmware, or logging data
Operating system	<p>All terminals run the Windows CE 6.0 operating system (OS) providing OS functionality needed for most users needs:</p> <ul style="list-style-type: none"> • FTP server • VNC client/server • PDF reader • Active X controls • Third-party device support <p>Additional functionality is available by ordering terminals with optional, extended features:</p> <ul style="list-style-type: none"> • Internet Explorer web browser • Remote desktop connection • Media player • Microsoft file viewers for PowerPoint, Excel, and Word • WordPad text editor
FactoryTalk View software	<ul style="list-style-type: none"> • FactoryTalk View Machine Edition Station (runtime) software, version 6.0 or later, is preloaded and activated on each terminal • Single license support for FactoryTalk ViewPoint software, version 1.2 or later, gives remote users access to a terminal's displays via standard web browser • HMI applications are developed with FactoryTalk View Studio for Machine Edition software, which is purchased separately



Product Selections

Bulletin	Input Type	Display Size	Display Type	Communication	Power	Operating System	Special Option
2711P-	K = Keypad T = Touch B = Keypad/Touch	7 = 6.5 in. 10 = 10.4 in. 12 = 12.1 in. 15 = 15 in.	C = Color	4 = Ethernet, RS-232, (2) USB	A = AC D = DC	8 = Windows CE 6.0 9 = Windows CE 6.0 with extended features	K = Conformal-coated

PanelView Plus 6 Terminals without Extended Features

Cat. No.			Display		Communication		Input Power	Memory RAM/Nonvolatile ⁽¹⁾
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet		
700 Model								
2711P-K7C4D8	2711P-T7C4D8	2711P-B7C4D8	6.5-in.	Color	•	•	DC	512 MB/512 MB
–	2711P-T7C4D8K	–			•	•	DC	512 MB/512 MB
2711P-K7C4A8	2711P-T7C4A8	2711P-B7C4A8			•	•	AC	512 MB/512 MB
1000 Model								
2711P-K10C4D8	2711P-T10C4D8	2711P-B10C4D8	10.4-in.	Color	•	•	DC	512 MB/512 MB
2711P-K10C4A8	2711P-T10C4A8	2711P-B10C4A8			•	•	AC	512 MB/512 MB
1250 Model								
2711P-K12C4D8	2711P-T12C4D8	2711P-B12C4D8	12.1-in.	Color	•	•	DC	512 MB/512 MB
–	2711P-T12C4D8K	–			•	•	DC	512 MB/512 MB
2711P-K12C4A8	2711P-T12C4A8	2711P-B12C4A8			•	•	AC	512 MB/512 MB
1500 Model								
2711P-K15C4D8	2711P-T15C4D8	2711P-B15C4D8	15-in.	Color	•	•	DC	512 MB/512 MB
2711P-K15C4A8	2711P-T15C4A8	2711P-B15C4A8			•	•	AC	512 MB/512 MB

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.0 or later, and the Windows CE 6.0 operating system without extended features and Microsoft file viewers.

PanelView Plus 6 Terminals with Extended Features

Cat. No.			Display		Communication		Input Power	Memory RAM/Nonvolatile ⁽¹⁾
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet		
700 Model								
2711P-K7C4D9	2711P-T7C4D9	2711P-B7C4D9	6.5-in.	Color	•	•	DC	512 MB/512 MB
2711P-K7C4A9	2711P-T7C4A9	2711P-B7C4A9			•	•	AC	512 MB/512 MB
1000 Model								
2711P-K10C4D9	2711P-T10C4D9	2711P-B10C4D9	10.4-in.	Color	•	•	DC	512 MB/512 MB
2711P-K10C4A9	2711P-T10C4A9	2711P-B10C4A9			•	•	AC	512 MB/512 MB
1250 Model								
2711P-K12C4D9	2711P-T12C4D9	2711P-B12C4D9	12.1-in.	Color	•	•	DC	512 MB/512 MB
2711P-K12C4A9	2711P-T12C4A9	2711P-B12C4A9			•	•	AC	512 MB/512 MB
1500 Model								
2711P-K15C4D9	2711P-T15C4D9	2711P-B15C4D9	15-in.	Color	•	•	DC	512 MB/512 MB
2711P-K15C4A9	2711P-T15C4A9	2711P-B15C4A9			•	•	AC	512 MB/512 MB

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.0 or later, and the Windows CE 6.0 operating system with extended features and Microsoft file viewers.

Accessories

The tables list accessories for the PanelView Plus 6 - 700 to 1500 terminals. Display modules, logic modules, and communication modules can be ordered as separate components for field installation.

Display Modules

Cat. No.	Input Type	Display	Marine Certified	Conformal Coated	Built-in Antiglare Overlay
700 Model					
2711P-RDK7C	Keypad	7-in. color			
2711P-RDK7CK	Keypad			•	
2711P-RDT7C	Touch				
2711P-RDT7CK	Touch			•	
2711P-RDT7CM	Touch		•		
2711P-RDB7C	Keypad/Touch				
2711P-RDB7CK	Keypad/Touch			•	
2711P-RDB7CM	Keypad/Touch		•		
1000 Model					
2711P-RDK10C	Keypad	10.4-in. color			
2711P-RDT10C	Touch				
2711P-RDT10CM	Touch		•		
2711P-RDB10C	Keypad/Touch				
2711P-RDB10CM	Keypad/Touch		•		
1250 Model					
2711P-RDK12C	Keypad	12.1-in. color			
2711P-RDK12CK	Keypad			•	
2711P-RDT12C	Touch				
2711P-RDT12CK	Touch			•	
2711P-RDT12AG	Touch				•
2711P-RDT12H ⁽¹⁾	Touch				
2711P-RDB12C	Keypad/Touch				
2711P-RDB12CK	Keypad/Touch			•	
1500 Model					
2711P-RDK15C	Keypad	15-in. color			
2711P-RDT15C	Touch				
2711P-RDT15AG	Touch				•
2711P-RDB15C	Keypad/Touch				

(1) This catalog number is a high-bright display module, indicated by the H at end of cat. no., that is designed for outdoor applications. The high-bright display module can be used only with DC-powered logic modules.

Logic Modules

Cat. No.	Power Input	Memory RAM/Nonvolatile	Communication	Marine Certified	Conformal Coated	Included Software
Logic Modules without Extended Features						
2711P-RP8A	AC	512 MB/512 MB	<ul style="list-style-type: none"> Ethernet RS-232 Network interface for communication module 	•		<ul style="list-style-type: none"> Windows CE 6.0 operating system without extended features/file viewers FactoryTalk View Machine Edition Station (runtime), version 6.0 or later FactoryTalk ViewPoint software, version 1.2 or later
2711P-RP8D	DC	512 MB/512 MB		•		
2711P-RP8DK	DC	512 MB/512 MB		•	•	
Logic Modules with Extended Features						
2711P-RP9A	AC	512 MB/512 MB	<ul style="list-style-type: none"> Ethernet RS-232 Network interface communication module 	•		<ul style="list-style-type: none"> Windows CE 6.0 operating system with extended features/file viewers FactoryTalk View Machine Edition Station (runtime), version 6.0 or later FactoryTalk ViewPoint software, version 1.2 or later
2711P-RP9D	DC	512 MB/512 MB		•		
2711P-RP9DK	DC	512 MB/512 MB		•	•	

Communication Modules

Cat. No.	Communication				Conformal Coated	Marine Certified
	Ethernet	DH+	DH-485	ControlNet ⁽²⁾		
2711P-RN6		•	•			
2711P-RN6K		•	•		•	
2711P-RN15S				•		•
2711P-RN15SK				•	•	
2711P-RN20 ⁽¹⁾	•					

(1) All terminals have an Ethernet port. The cat. no. 2711P-RN20 module provides an additional Ethernet port.

(2) Scheduled and unscheduled communication.

Cables

Cat. No.	Description	Length
2711C-CBL-UU02	Programming cable that connects the USB device port of the terminal to a USB host port of a computer	2 m (6.5 ft)

Function Key Legend Kits

Cat. No.	PanelView Plus 6 Terminal Model ⁽¹⁾	Description
2711P-RFK7	700 keypad	Blank legend inserts and software
2711P-RFK10	1000 keypad	
2711P-RFK12	1250 keypad	
2711P-RFK15	1500 keypad	

(1) Applies to keypad and keypad/touch-screen terminals.

Secure Digital (SD) Cards

Cat. No.	Description
1784-SD1	1 GB Secure Digital (SD) card
1784-SD2	2 GB Secure Digital (SD) card

Antiglare Overlays

Cat. No. ⁽¹⁾	PanelView Plus 6 Terminal Model	Operator Input		
		Keypad	Touch	Key/Touch
2711P-RGK7	700	•		•
2711P-RGT7			•	
2711P-RGK10	1000	•		•
2711P-RGT10			•	
2711P-RGK12	1250	•		•
2711P-RGT12			•	
2711P-RGK15	1500	•		•
2711P-RGT15			•	

(1) Three overlays are shipped with each catalog number.

Solar Visor

Cat. No.	Description
2711P-RVT12	Solar visor for 1250 high-bright display module, cat. no. 2711P-RDT12H

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RTMC	Mounting clips	8

Battery Replacement

Cat. No.	Description	Quantity
2711P-RY2032	Replacement battery CR2032 coin-cell equivalent battery	1

Power Supply and Power Terminal Blocks

Cat. No.	Description	Quantity
2711P-RSACDIN	DIN-rail power supply, AC-to-DC, 85...265V AC, 47...63 Hz	1
2711P-RTBAC3	AC power terminal block	10
2711P-RTBDC2	2-pin DC power terminal block	10

Backlight Replacements

Cat. No.	PanelView Plus 6 Display Module Size	Series	Number of Backlights
2711P-RL7C	700	A and B	1
2711P-RL7C2		C and D	1
2711P-RL10C	1000	A	1
2711P-RL10C2		B and C	1
2711P-RL12C	1250	A and B	2
2711P-RL12C2		C	1
2711P-RL15C	1500	B	2

Bezel Replacements

Cat. No.	PanelView Plus 6 Terminal Model	Operator Input		
		Keypad	Touch	Key/Touch
2711P-RBK7	700	.		
2711P-RBT7			.	
2711P-RBB7				.
2711P-RBK10	1000	.		
2711P-RBT10			.	
2711P-RBB10				.
2711P-RBK12	1250	.		
2711P-RBT12			.	
2711P-RBT12H ⁽¹⁾			.	
2711P-RBB12				.
2711P-RBK15	1500	.		
2711P-RBT15			.	
2711P-RBB15				.

(1) Applies to the cat. no. 2711P-RDT12H 1250 high-bright display module.

PanelView Plus 6 Terminals - 400 and 600

The smaller PanelView Plus 6 - 400 and 600 terminals combine the display, logic, memory, and power into one base unit:

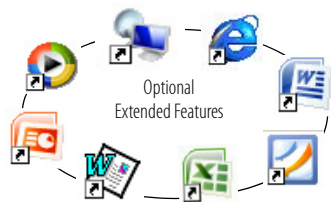
- The 400 model has a 3.5-in. color graphic display with keypad or combination key and touch input, or a grayscale display with keypad input.
- The 600 model has a 5.7-in. color or grayscale graphic display with keypad, touch screen, or combination keypad/touch-screen input.



This new generation of terminals runs the Windows CE 6.0 operating system similar to the PanelView Plus 6 - 700 to 1500 terminals. The terminals run HMI applications but also provide the ability to access the desktop. For users with more complex application requirements, the 600 color terminals can be ordered with optional, extended features and file viewers.

Terminal Features

Features	Description
High memory capacity	512 MB nonvolatile memory and 256 MB RAM
Power input	AC or DC
Communication ports	Units are available with one of these communication options: <ul style="list-style-type: none"> • RS-232 • Ethernet and RS-232 Separate communication modules are not supported.
USB ports	<ul style="list-style-type: none"> • 1 USB host ports for connecting a USB mouse, keyboard, printer, and USB drives that are hot swappable • 1 USB device port for connecting a host personal computer
Secure Digital (SD) card slot	Hot-swappable card slot supports 1784-SDx SD cards for transferring files, upgrading firmware, or logging data
Operating system	All terminals run the Windows CE 6.0 operating system (OS) providing OS functionality needed for most users needs: <ul style="list-style-type: none"> • FTP server • VNC client/server • PDF reader • Viewpoint • Active X controls • Third-party device support Additional functionality is available for the 600 terminals by ordering terminals with these optional, extended features: <ul style="list-style-type: none"> • Internet Explorer web browser • Media player • Microsoft file viewers for PowerPoint, Excel, and Word • WordPad text editor
FactoryTalk View software	<ul style="list-style-type: none"> • FactoryTalk View Machine Edition Station (runtime) software, version 6.10 or later, is preloaded and activated on each terminal • HMI applications are developed with FactoryTalk View Studio for Machine Edition software, which is purchased separately
Reset and default switches	Provide easy access to diagnostic and repair operations



Product Selections

Bulletin	Input Type	Display Size	Display Type	Communication	Power	Operating System
2711P-	K = Keypad B = Keypad/Touch T = Touch	4 = 3.5 6 = 5.7 in.	C = Color M = Grayscale	5 = RS-232, USB ports 20 = Ethernet, RS-232, USB ports	A = AC D = DC	8 = Windows CE 6.0 9 = Windows CE 6.0 with extended features and file viewers

PanelView Plus 6 - 400 Terminals without Extended Features

Cat. No.		Display		Communication		USB Ports		Input Power	System Memory (MB) ⁽¹⁾	
Keypad	Keypad/Touch	Size	Type	RS-232	Ethernet	Host	Device		RAM	Nonvolatile
2711P-K4M5A8	–	3.5-in.	Grayscale	•		•	•	AC	256	512
2711P-K4M5D8	–			•		•	•	DC	256	512
2711P-K4M20A8	–			•	•	•	•	AC	256	512
2711P-K4M20D8	–			•	•	•	•	DC	256	512
2711P-K4C5A8	2711P-B4C5A8	3.5-in.	Color	•		•	•	AC	256	512
2711P-K4C5D8	2711P-B4C5D8			•		•	•	DC	256	512
2711P-K4C20A8	2711P-B4C20A8			•	•	•	•	AC	256	512
2711P-K4C20D8	2711P-B4C20D8			•	•	•	•	DC	256	512

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.10 or later, and the Windows CE 6.0 operating system without extended features and Microsoft file viewers.

PanelView Plus 6 - 600 Terminals without Extended Features

Cat. No.			Display		Communication		USB Ports		Input Power	System Memory (MB) ⁽¹⁾	
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet	Host	Device		RAM	Nonvolatile
2711P-K6M5A8	2711P-T6M5A8	2711P-B6M5A8	5.7-in.	Grayscale	•		•	•	AC	256	512
2711P-K6M5D8	2711P-T6M5D8	2711P-B6M5D8			•		•	•	DC	256	512
2711P-K6M20A8	2711P-T6M20A8	2711P-B6M20A8			•	•	•	•	AC	256	512
2711P-K6M20D8	2711P-T6M20D8	2711P-B6M20D8			•	•	•	•	DC	256	512
2711P-K6C5A8	2711P-T6C5A8	2711P-B6C5A8	5.7-in.	Color TFT	•		•	•	AC	256	512
2711P-K6C5D8	2711P-T6C5D8	2711P-B6C5D8			•		•	•	DC	256	512
2711P-K6C20A8	2711P-T6C20A8	2711P-B6C20A8			•	•	•	•	AC	256	512
2711P-K6C20D8	2711P-T6C20D8	2711P-B6C20D8			•	•	•	•	DC	256	512

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.10 or later, and the Windows CE 6.0 operating system without extended features and Microsoft file viewers.

PanelView Plus 6 - 600 Terminals with Extended Features

Cat. No.			Display		Communication		USB Ports		Input Power	System Memory (MB) ⁽¹⁾	
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet	Host	Device		RAM	Nonvolatile
2711P-K6C5A9	2711P-T6C5A9	2711P-B6C5A9	5.7-in.	Color TFT	•		•	•	AC	256	512
2711P-K6C5D9	2711P-T6C5D9	2711P-B6C5D9			•		•	•	DC	256	512
2711P-K6C20A9	2711P-T6C20A9	2711P-B6C20A9			•	•	•	•	AC	256	512
2711P-K6C20D9	2711P-T6C20D9	2711P-B6C20D9			•	•	•	•	DC	256	512

(1) All terminals support FactoryTalk View Machine Edition Station software, version 6.10 or later, and the Windows CE 6.0 operating system with extended features and Microsoft file viewers.

Accessories

The tables list accessories for the PanelView Plus 6 - 400 and 600 terminals.

Antiglare Overlays

Cat. No. ⁽¹⁾	Terminal Model	Input Type		
		Keypad	Touch	Key/Touch
2711P-RGB4	400 grayscale or color	•		•
2711P-RGK6	600 grayscale or color	•		•
2711P-RGT6			•	

(1) Three overlays are shipped with each catalog number.

Secure Digital (SD) Cards

Cat. No.	Description
1784-SD1	1 GB SD card
1784-SD2	2 GB SD card

Power Supply and Power Terminal Blocks

Cat. No.	Description	Quantity
2711P-RSACDIN	DIN-rail power supply, AC-to-DC, 85...265V AC, 47...63 Hz	1
2711P-GRSA	AC power module converts a DC-powered terminal to AC power	1
2711P-RVAC	AC power terminal block	10
2711P-TBDC	DC power terminal block	10

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RTFC	Mounting levers	8

Cables

Cat. No.	Description	Length
6189V-USBCBL2	Programming cable that connects the USB device port of the terminal to a USB host port of a computer	1.8 m (6 ft)

Function Key Legend Inserts

Cat. No.	Terminal Model	Includes
2711P-RFK6	600 keypad and keypad/touch	Blank legend inserts and software

Replacement Battery

Cat. No.	Description	Quantity
2711P-RY2032	Replacement battery CR2032 coin-cell equivalent battery	1

PanelView Plus 6 Compact Terminals

The next generation PanelView Plus 6 Compact 400, 600, and 1000 terminals offer just the right hardware and software functionality to meet the needs of midsize applications. Any application created for a compact terminal is also compatible with other PanelView Plus 6 terminals. Key features include the following:

- Preferred HMI integration with CompactLogix controllers
- RS-232 serial port, Ethernet port, USB port, DC power, and SD card slot
- Serial and Ethernet communication
- Connection to single controller by using either RSLinx[®] Enterprise software, version 5.51 or later, or KEPServer software
- 25 displays and 200 alarm messages supported in the FactoryTalk View Compact Machine Edition application
- Fixed hardware configurations without the addition or replacement of modular components
- Viewpoint



Product Selections

This table lists the fixed hardware configurations available for the PanelView Plus 6 Compact terminals.

PanelView Plus 6 Compact Terminals

Cat. No.	Input Type	Display		Communication		Input Power	Memory (MB)	
		Size	Type	RS-232	Ethernet		RAM	Nonvolatile
2711PC-K4M20D8	Keypad	3.5-in.	Grayscale	•	•	DC	256	512
2711PC-B4C20D8	Keypad/Touch	3.5-in.	Color	•	•	DC	256	512
2711PC-B4C20D8-LR	Keypad/Touch	3.5-in.	Low Reflective	•	•	DC	256	512
2711PC-T6M20D8	Touch	5.7-in.	Grayscale	•	•	DC	256	512
2711PC-T6C20D8	Touch	5.7-in.	Color	•	•	DC	256	512
2711PC-T10C4D8	Touch	10.4-in.	Color	•	•	DC	512	512

Accessories

The tables list accessories for the PanelView Plus 6 Compact terminals.

Secure Digital (SD) Cards

Cat. No.	Description
1784-SD1	1 GB SD card
1784-SD2	2 GB SD card

Antiglare Overlays

Cat. No. ⁽¹⁾	Terminal Model	Input Type		
		Keypad	Touch	Key/Touch
2711P-RGB4	400 grayscale or color	•		•
2711P-RGT6	600 grayscale or color		•	
2711P-RGT10	1000 color		•	

(1) Three overlays are shipped with each catalog number.

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RTFC	Mounting levers (600 only)	8
2711P-RTMC	Mounting levers for (1000 only)	8

Power Supply and Power Terminal Blocks

Cat. No.	Description	Quantity
2711P-RSACDIN	DIN-rail power supply, AC-to-DC, 85 . . . 265V AC, 47 . . . 63 Hz	1
2711P-GRSA	AC power module converts a DC-powered terminal to AC power (400 and 600 only)	1
2711P-TBDC	DC power terminal block (400 and 600 only)	10
2711P-RTBDC2	2-pin DC power terminal block (1000 only)	10

Cables

Cat. No.	Description	Length
6189V-USBCBL2	Programming cable that connects the USB device port of the terminal to a USB host port of a computer (400 and 600 only)	1.8 m (6 ft)
2711C-CBL-UU02	Programming cable that connects the USB device port of the terminal to a USB host port of a computer (1000 only)	2 m (6.5 ft)

Replacement Battery

Cat. No.	Description	Quantity
2711P-RY2032	Replacement battery CR2032 coin-cell equivalent battery	1

Communication Cables

The tables list runtime communication cables for PanelView Plus 6 (400, 600, 700, 1000, 1250, 1500) terminals. The PanelView Plus 6 Compact terminals use the same cables as the PanelView Plus 6 - 400 and 600 terminals.

All PanelView Plus 6 terminals use a standard Ethernet cable for application transfers between a computer and the terminal.

Communication Cables: PanelView Plus 6 Terminals to PLC-5® Controllers

	PLC-5, PLC-5C, PLC-5E	PLC-5, PLC-5C, PLC-5E	PLC-5E	PLC-5C
	Port: CH0 - 25-pin RS-232 Protocol: DF1	Port: CH1/CH2 DH+ Protocol: DH+	Port: CH2 Ethernet RJ45 Protocol: EtherNet/IP	Port: ControlNet Port Protocol: ControlNet
PanelView Plus 6 Compact 400, 600, 1000	2711-NC13 (5 m/16 ft) or 2711-NC14 (10 m/32 ft) cable (Requires DB9 to DB25 adapter)	-	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)	-
PanelView Plus 6 400, 600		-		-
PanelView Plus 6 700, 1000, 1250, 1500		Requires 2711P-RN6 or 2711P-RN6K module, with shielded twinaxial cable (1770-CD)		Requires 2711P-RN155 or 2711P-RN155K module, and 1786 ControlNet media

Communication Cables: PanelView Plus 6 Terminals to SLC Controllers

	SLC 5/01, 5/02, 5/03	SLC 5/03, 5/04, 5/05	SLC 5/04	SLC 5/05
	Port: CH1 - RJ45 Protocol: DH-485	Port: CH0 - 9-pin RS-232 Protocol: DF1 or DH-485 (point-to-point)	Port: CH1 Protocol: DH+	Port: CH1 - Ethernet - RJ45 Protocol: EtherNet/IP
PanelView Plus 6 Compact 400, 600, 1000	Requires 1761-NET-AIC module, and 2711-NC13 (5 m/16 ft) or 2711-NC14 (10 m/32 ft) cable	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	-	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)
PanelView Plus 6 400, 600			-	
PanelView Plus 6 700, 1000, 1250, 1500	Requires 2711P-RN6 module, with 1761-CBL-AS03 (3 m/10 ft) or 1761-CBL-AS09 (9 m/30 ft) cable		Requires 2711P-RN6 or 2711P-RN6K module, with shielded twinaxial cable (1770-CD)	

Communication Cables: PanelView Plus 6 Terminals to MicroLogix Controllers

	MicroLogix 1400, 1500LRP	MicroLogix 1000, 1100, 1200, 1400, 1500LSP	MicroLogix 1100, 1400
	Port: CH1/CH2 - 9-pin RS-232 Protocol: DF1 or DH-485 (point-to-point)	Port: CH0 - 8-pin Mini-DIN Protocol: DF1 or DH-485 (point-to-point)	Port: Ethernet - RJ45 Protocol: EtherNet/IP
PanelView Plus 6 Compact 400, 600, 1000	2711-NC13 (5 m/16 ft) or 2711-NC14 (10 m/32 ft) cable (Requires DB9 to DB25 adapter)	2711-NC21 (5 m/16 ft) or 2711-NC22 (15 m/49 ft)	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)
PanelView Plus 6 400, 600			
PanelView Plus 6 700, 1000, 1250, 1500			

Communication Cables: PanelView Plus 6 Terminals to CompactLogix Controllers

	CompactLogix	CompactLogix L35E, L23E, L32E, 1768-ENBT	CompactLogix L35CR, L32C, 1768-CNB, 1768-CNBR
	Port: CH0 - 9-pin RS-232 Protocol: DF1 or DH-485 (point-to-point)	Port: Ethernet - RJ45 Protocol: EtherNet/IP	Port: ControlNet Port Protocol: ControlNet
PanelView Plus 6 Compact 400, 600, 1000	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)	1786 ControlNet media
PanelView Plus 6 400, 600			
PanelView Plus 6 700, 1000, 1250, 1500			

Communication Cables: PanelView Plus 6 Terminals to ControlLogix Controllers

	ControlLogix	ControlLogix	ControlLogix	ControlLogix
	Port: CH0 - 9-pin RS-232 Protocol: DF1 or DH-485 (point-to-point)	Communication Module: 1756-ENBT, 1756-EN2T Protocol: EtherNet/IP	Communication Module: 1756-CNB Protocol: ControlNet	Communication Module: 1756-DHRIO Protocol: DH+
PanelView Plus 6 Compact 400, 600, 1000	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)	1786 ControlNet media	-
PanelView Plus 6 400, 600				-
PanelView Plus 6 700, 1000, 1250, 1500				Shielded twinaxial cable (1770-CD)

Communication Cables: PanelView Plus 6 Terminals to Interface Modules

Protocol	PanelView Plus 6 Comm Port 400, 600 700, 1000, 1250, 1500	1747-AIC	1761-NET-AIC			1761-NET-ENI
			Port 1 (9-pin)	Port 2 (8-pin Mini DIN)	Port 3 (DH-485)	Port 2 (8-pin Mini DIN)
DF1	RS-232 port All terminals	-	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) Null modem required	-	1761-CBL-AP00 (5 m) 1761-CBL-PM02 (2 m) 2711-CBL-PM05 (5 m) 2711-CBL-PM10 (10 m)
DH-485	RS-232 port All terminals	-	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) Null modem required	-	-
	DH-485 port 700 to 1500 terminals only Requires 2711P-RN6 or 2711P-RN6K	Direct connection to single AIC with Belden 9842 cable ⁽¹⁾	-	-	Direct connection to single AIC+ with Belden 9842 cable ⁽¹⁾	-

(1) Use the serial port on the PanelView Plus 6 terminal with an AIC+ module for a DH-485 network solution.

PanelView Plus 7 Standard Terminals



The PanelView Plus 7 Standard terminals are operator interface devices. They monitor and control devices that are attached to ControlLogix 5570 and CompactLogix 5370 controllers on an EtherNet/IP network. Animated graphic and text displays provide operators a view into the operating state of a machine or process. Operators interact with the control system by using touch screen input.

The PanelView Plus 7 Standard terminals include these features:

- Terminal functionality permits connection to 1 controller, up to 25 screens, and up to 200 alarms.
- FactoryTalk View Machine Edition software provides a familiar environment for creating HMI applications.
- Windows CE operating system with desktop access for configuration and third-party applications.
- Ethernet communication supporting linear, star, and ring (with 1783-ETAP) network topologies.
- PDF viewer to access PDF files that are stored on the terminal.
- More screen options including 4-in., 6-in., 7-in., 9-in., 10-in., 12-in., and 15-in. terminals.
- Widescreen on three sizes, 4-in., 9-in., and 12-in. terminals.
- Greater screen resolution.
- Terminals are available with an Allen-Bradley label, or with no label for customers who want to put their own labeling on the terminal.
- Certifications including Class 1, Div 2 and ATEX zones 2 and 22.

Typical Configurations

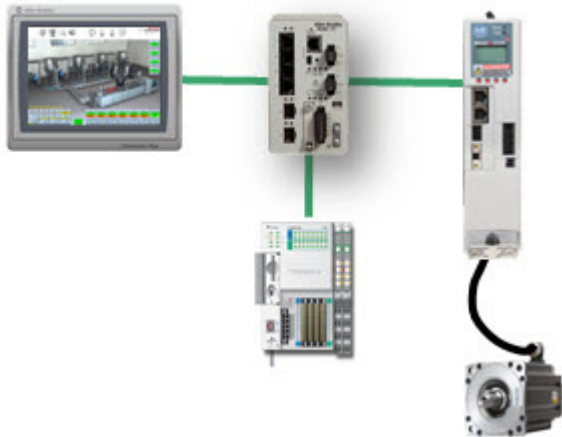
The following figures show linear, star, and ring configurations for both a standalone machine and a midsize application.

Standalone Machine

Linear Topology

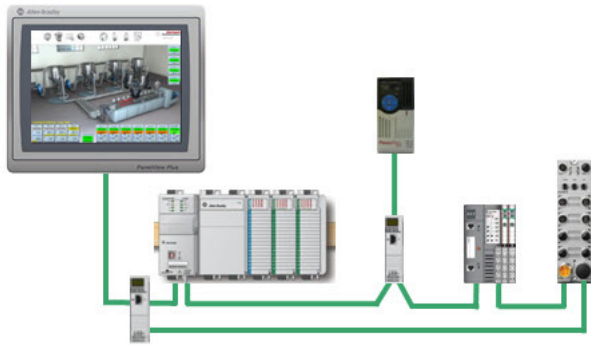


Star Topology

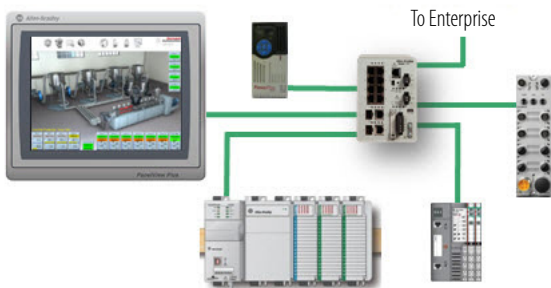


Midsize Application

Ring Topology



Star Topology



PanelView Plus 7 Standard 400W, 600, 700, 900W, 1000, 1200W, and 1500 Terminals

Logic Module Features

Features	Description
High memory capacity	512 MB RAM and 512 MB storage 100 MB nonvolatile storage for applications
Power input	DC
Communication ports	Single 10/100Base-T, Auto MDI/MDI-X, Ethernet port for controller communication.
USB ports	One USB 2.0 high-speed host port (type A) support removal flash drives for storage One high-speed 1.0 device port (type B) supports connection to host computer
Secure Digital (SD) card slot	One SD card slot for storing application files Replacement: Allen-Bradley part number 1784-SD1 (1 GB) and 1784-SD2 (2 GB)
Operating system	All terminals run the Windows CE 6.0 operating system (OS) providing OS functionality needed for most users needs: <ul style="list-style-type: none"> • FTP server • VNC client/server • PDF reader • Active X controls • Third-party device support • FactoryTalk ViewPoint
FactoryTalk View software	FactoryTalk View Studio for Machine Edition, version 7.0 or later

Product Selections

Bulletin	Input Type	Display Size	Display Type	Network	Power	Operating System	Model	Special Option
2711P-	T = Touch	4 = 4.3 in. 6 = 5.7 in. 7 = 6.5 in. 9 = 9 in. 10 = 10.4 in. 12 = 12.1 in. 15 = 15 in.	W = Wide aspect-ratio color C = Color	21 = Single Ethernet port	D = DC	8 = Windows CE 6.0	S = Standard	B = No brand label

PanelView Plus 7 Standard Terminals

	Cat. No.	Display		Input	Communication	Input Power	Memory RAM/Nonvolatile	Brand Identity
		Size	Type		Ethernet			
4-inch Model	2711P-T4W21D8S	4.3-in.	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T4W21D8S-B	4.3-in.	Color	Touch	•	DC	512 MB/100 MB	
6-inch Model	2711P-T6C21D8S	5.7-in	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T6C21D8S-B	5.7-in	Color	Touch	•	DC	512 MB/100 MB	
7-inch Model	2711P-T7C21D8S	6.5-in	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T7C21D8S-B	6.5-in.	Color	Touch	•	DC	512 MB/100 MB	
9-inch Model	2711P-T9W21D8S	9-in.	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T9W21D8S-B	9-in.	Color	Touch	•	DC	512 MB/100 MB	

PanelView Plus 7 Standard Terminals

	Cat. No.	Display		Input	Communication	Input Power	Memory RAM/Nonvolatile	Brand Identity
		Size	Type		Ethernet			
10-inch Model	2711P-T10C21D8S	10.4-in.	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T10C21D8S-B	10.4-in.	Color	Touch	•	DC	512 MB/100 MB	
12-inch Model	2711P-T12W21D8S	12.1-in.	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T12W21D8S-B	12.1-in.	Color	Touch	•	DC	512 MB/100 MB	
15-inch Model	2711P-T15C21D8S	15-in.	Color	Touch	•	DC	512 MB/100 MB	•
	2711P-T15C21D8S-B	15-in.	Color	Touch	•	DC	512 MB/100 MB	

Accessories

The following tables list accessories for the PanelView Plus 7 standard 4-inch, 6-inch, 7-inch, 9-inch, 10-inch, 12-inch, and 15-inch terminals. Display modules, logic modules, and communication modules can be ordered as separate components for field installation.

Protective Overlays

Cat. No.	PanelView Plus 7 Terminal Model	Input	Display	Quantity
2711P-RGT4S	4.3 in.	Touch	Wide	3
2711P-RGT6S	5.7 in.	Touch		3
2711P-RGB7SP	6.5 in.	Touch		3
2711P-RGT9SP	9 in.	Touch	Wide	3
2711P-RGT10SP	10.4 in.	Touch		3
2711P-RGT12SP	12.1 in.	Touch	Wide	3
2711P-RGT15SP	15 in.	Touch		3

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RMCS	Mounting levers	12

Battery Replacement

Cat. No.	Description	Quantity
2711P-RY2032	Replacement battery CR2032 coin-cell equivalent battery	1

Battery Cover

Cat. No.	Description	Quantity
2711P-RYKS	Replacement cover for the battery compartment.	3

SD Cover

Cat. No.	Description	Quantity
2711P-RCKS	Replacement cover for the SD compartment.	3

Terminal Blocks

Cat. No.	Description	Quantity
2711P-RTBAP	DC power terminal block	10

Communication Cables

The tables list runtime communication cables for PanelView Plus 7 Standard (400W, 600, 700, 900W, 1000, 1200W, 1500) terminals.

All PanelView Plus 7 terminals use a standard Ethernet cable for application transfers between a computer and the terminal.

Communication Cables: PanelView Plus 7 Standard Terminals to PLC-5® Controllers

	PLC-5E
PanelView Plus 7 (400W, 600, 700, 900W, 1000, 1200W, 1500)	Port: CH2 Ethernet RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Standard Terminals to SLC Controllers

	SLC 5/05
PanelView Plus 7 (400W, 600, 700, 900W, 1000, 1200W, 1500))	Port: CH1 - Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Standard Terminals to MicroLogix Controllers

	MicroLogix 1100, 1400
PanelView Plus 7 (400W, 600, 700, 900W, 1000, 1200W, 1500)	Port: Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Standard Terminals to CompactLogix Controllers

	CompactLogix L35E, L23E, L32E, 1768-ENBT, and 5370 L1, L2, L3
PanelView Plus 7 (400W, 600, 700, 900W, 1000, 1200W, 1500)	Port: Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Standard Terminals to ControlLogix Controllers

	ControlLogix
PanelView Plus 7 (400W, 600, 700, 900W, 1000, 1200W, 1500)	Communication Module: 1756-ENBT, 1756-EN2T Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Notes:

PanelView Plus 7 Performance Terminals



The PanelView Plus 7 performance terminals are operator interface devices. They monitor and control devices attached to ControlLogix® and CompactLogix™ 5370 controllers on an EtherNet/IP network. Animated graphic and text displays provide operators a view into the operating state of a machine or process. Operators interact with the control system by using touch screen or keypad input.

Features include the following:

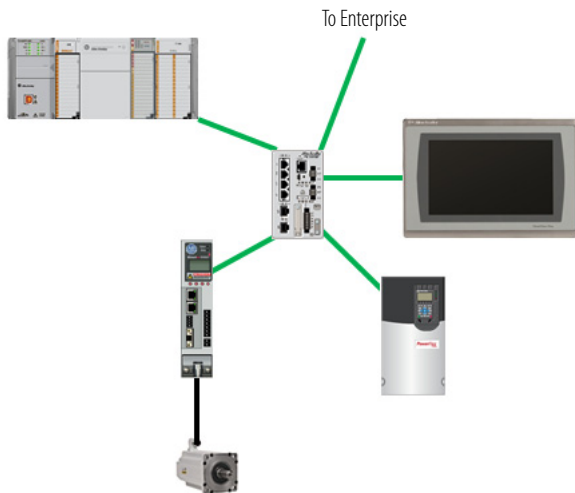
- FactoryTalk View Machine Edition software, version 8.1, provides a familiar environment for creating HMI applications
- Windows CE operating system with desktop access for configuration and third-party applications
- Connection to ControlLogix or CompactLogix 5370 controllers
- Ethernet communication that can support device-level ring (DLR), linear, or star network topologies
- Web browser, Microsoft file viewers, text editor, PDF viewer, remote desktop connection, and media player on the terminal desktop

Typical Configurations

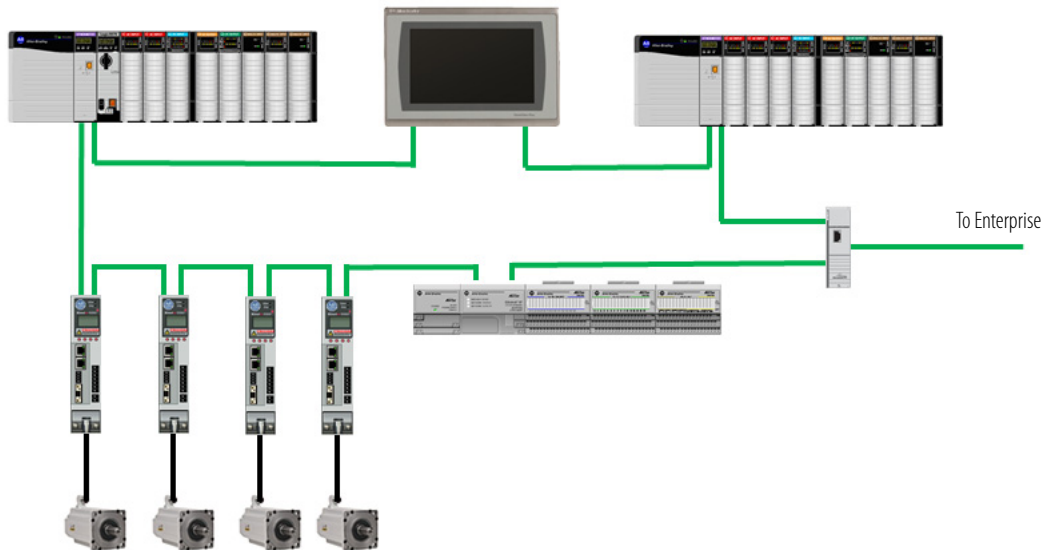
The following figures show star and device-level ring configurations for midsize and large applications.

Midsize/Large Applications

Star Topology



Device-level Ring (DLR) Topology



PanelView Plus 7 Performance 700, 900W, 1000, 1200W, 1500, and 1900 Terminals

Logic Module Features

Features	Description
High memory capacity	1 GB RAM and 512 MB storage 100 MB nonvolatile storage for applications
Power input	DC or AC
Communication ports	Two 10/100Base-T, Auto MDI/MDI-X, built-in DLR Ethernet port for controller communication
USB ports	Two USB 2.0 high-speed host port (type A) support removable flash drives for storage One high-speed 1.0 device port (type B) supports future connection to host computer
Secure Digital (SD) card slot	One SD card slot for storing application files Replacement: Allen-Bradley part number 1784-SD1 (1 GB) and 1784-SD2 (2 GB)
Operating system	All terminals run the Windows CE 6.0 operating system (OS) providing OS functionality needed for most users needs: <ul style="list-style-type: none"> • FTP server • VNC client/server • PDF reader • Active X controls • Third-party device support • FactoryTalk ViewPoint
FactoryTalk View software	FactoryTalk View Studio for Machine Edition, version 8.0 or later

Product Selections

Bulletin	Input Type	Display Size	Display Type	Network	Power	Operating System	Model
2711P-	T = Touch	7 = 6.5 in.	W = Wide aspect-ratio color	22 = Two Ethernet ports	D = DC	9 = Windows CE with Extended Features and MS Office Viewers	P = Performance
	B = Touch with keypad	9 = 9 in.	C = Color		A = AC		
		10 = 10.4 in.					
		12 = 12.1 in.					
		15 = 15 in.					
		19 = 19 in.					

PanelView Plus 7 Performance Terminals

	Cat. No.	Display			Communication	Input Power	Memory RAM/Nonvolatile
		Size	Type	Input	Ethernet		
7-inch Model	2711P-T7C22D9P	6.5-in.	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T7C22A9P	6.5-in.	TFT Color	Touch	•	AC	1 G/512 MB
	2711P-B7C22D9P	6.5-in.	TFT Color	Touch with keypad	•	DC	1 G/512 MB
	2711P-B7C22A9P	6.5-in.	TFT Color	Touch with keypad	•	AC	1 G/512 MB
9-inch Model	2711P-T9W22D9P	9-in	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T9W22A9P	9-in	TFT Color	Touch	•	AC	1 G/512 MB

PanelView Plus 7 Performance Terminals

	Cat. No.	Display			Communication	Input Power	Memory RAM/Nonvolatile
		Size	Type	Input	Ethernet		
10-inch Model	2711P-T10C22D9P	10.4-in	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T10C22A9P	10.4-in	TFT Color	Touch	•	AC	1 G/512 MB
	2711P-B10C22D9P	10.4-in	TFT Color	Touch with keypad	•	DC	1 G/512 MB
	2711P-B10C22A9P	10.4-in	TFT Color	Touch with keypad	•	AC	1 G/512 MB
12-inch Model	2711P-T12W22D9P	12.1-in.	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T12W22A9P	12.1-in.	TFT Color	Touch	•	AC	1 G/512 MB
15-inch Model	2711P-T15C22D9P	15-in.	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T15C22A9P	15-in.	TFT Color	Touch	•	AC	1 G/512 MB
	2711P-B15C22D9P	15-in.	TFT Color	Touch with keypad	•	DC	1 G/512 MB
	2711P-B15C22A9P	15-in.	TFT Color	Touch with keypad	•	AC	1 G/512 MB
19-inch Model	2711P-T19C22D9P	19-in.	TFT Color	Touch	•	DC	1 G/512 MB
	2711P-T19C22A9P	19-in.	TFT Color	Touch	•	AC	1 G/512 MB

Accessories

The following tables list accessories for the PanelView Plus 7 Performance terminals.

Protective Overlays

Cat. No.	PanelView Plus 7 Terminal Model	Input	Display	Quantity
2711P-RGT7SP	6.5 in.	Touch		3
2711P-RGB7P		Touch with keypad		3
2711P-RGT9SP	9 in.	Touch	Wide	3
2711P-RGT10SP	10.4 in.	Touch		3
2711P-RGB10P		Touch with keypad		3
2711P-RGT12SP	12.1 in.	Touch	Wide	3
2711P-RGT15SP	15 in.	Touch		3
2711P-RGB15P		Touch with keypad		3
2711P-RGT19P	19 in.	Touch		3

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RMCP ⁽¹⁾	Mounting levers	16

(1) These levers are also used with the PanelView 5500 terminals.

Battery Replacement

Cat. No.	Description	Quantity
2711P-RY2032	Lithium coin cell battery, CR2032 equivalent	1

Secure Digital (SD) Cards

Cat. No.	Description	Quantity
1784-SD1	1 GB SD card	1
1784-SD2	2 GB SD card	1

Power Supplies

Cat. No.	Description	Quantity
1606-XLP95E	DIN-rail power supply, 24...28V DC output voltage, 95 W	1
1606-XLP100E	DIN-rail power supply, 24...28V DC output voltage, 100 W	1
2711P-RSACDIN	DIN-rail power supply, AC-to-DC, 85...265V AC, 47...63 Hz	1

Terminal Blocks

Cat. No.	Description	Quantity
2711P-RTBAP	3-pin AC power terminal block	10
2711P-RTBDSP	3-pin DC power terminal block	10

Communication Cables

The tables list runtime communication cables for PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900) terminals.

All PanelView Plus 7 terminals use a standard Ethernet cable for application transfers between a computer and the terminal.

Communication Cables: PanelView Plus 7 Performance Terminals to PLC-5® Controllers

	PLC-5E
PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900)	Port: CH2 Ethernet RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Performance Terminals to SLC Controllers

	SLC 5/05
PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900)	Port: CH1 - Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Performance Terminals to MicroLogix Controllers

	MicroLogix 1100, 1400
PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900)	Port: Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Performance Terminals to CompactLogix Controllers

	CompactLogix L35E, L23E, L32E, 1768-ENBT, and 5370 L1, L2, L3
PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900)	Port: Ethernet - RJ45 Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

Communication Cables: PanelView Plus 7 Performance Terminals to ControlLogix Controllers

	ControlLogix
PanelView Plus 7 Performance (700, 900W, 1000, 1200W, 1500, and 1900)	Communication Module: 1756-ENBT, 1756-EN2T Protocol: EtherNet/IP
	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)

MobileView Tethered Operator Terminals



The MobileView 2711T family of human machine interface (HMI) devices have a rugged design with Microsoft® Windows® 7 Embedded Standard. The MobileView 2711T terminal features include a 3-position enable switch, touch and function keys, and stop push buttons. These features allow operator access to the safety system of the machine and the general interface to its control system.

The MobileView 2711T terminal is ideal for various applications, including:

- Operator panel for machines and plants
- Teach and programming panel for robots
- Test, maintenance, and startup

The MobileView 2711T terminal easily adapts to specific applications by using configurable operating and control elements. A cable and junction box are required for the operation of a MobileView terminal.

Product Selections

Bulletin	Input Type	Display Size	Stop Button	Enabling Switch	Additional Options	Software
2711T-	B = Touch and function keys T = Touch	10 = 10.1 in.	G = Gray Stop R = Red E-Stop	1 = Enabling Switch	K = Key switch M = Momentary button N = Neither key switch nor momentary button	1 = FactoryTalk Machine Edition Station
Cat. No.	Input Type	Display Size	Stop Button	Enabling Switch	Additional Options	Software
2711T-T10R1N1	Touch	10.1 in.	Red E-Stop	Yes	Neither key switch nor momentary button	FactoryTalk Machine Edition Station
2711T-B10R1K1	Touch and function keys	10.1 in.	Red E-Stop	Yes	Key switch	FactoryTalk Machine Edition Station
2711T-B10R1M1	Touch and function keys	10.1 in.	Red E-Stop	Yes	Momentary button	FactoryTalk Machine Edition Station
2711T-T10G1N1	Touch	10.1 in.	Gray Stop	Yes	Neither key switch nor momentary button	FactoryTalk Machine Edition Station

Accessories

The tables list accessories for the 2711T tethered operator terminals.

Cables

Cat. No.	Description
2711T-5MCABLE	Connection cable (5 m/16.4 ft) to connect the terminal to the junction box.
2711T-10MCABLE	Connection cable (10 m/32.8 ft) to connect the terminal to the junction box.
2711T-15MCABLE	Connection cable (15 m/49.2 ft) to connect the terminal to the junction box.

Junction Box

Cat. No.	Description
2711T-JBP20DC	IP20 junction box that is 24V DC powered and includes a junction box cap.

Mounting Bracket

Cat. No.	Description
2711T-BRACKET	Mounting bracket for stationary operation or to store the terminal.

PanelView 5500 Terminals



The PanelView™ 5500 terminals are operator interface devices for monitoring and controlling devices that are attached to ControlLogix® L7 and CompactLogix™ L1, L2, L3 controllers over an EtherNet/IP network. Animated graphic and text displays provide operators a view into the operating state of a machine or process. Operators interact with the control system by using the touch screen or keypad of the terminal.

Features include the following:

- Tightly integrated control and design environment allows for information sharing between the terminal and the Logix platforms
- Studio 5000® environment provides a single point of access for both Studio 5000 View Designer™ and Studio 5000 Logix Designer™ applications
- Connection to one ControlLogix L7 or CompactLogix L1, L2, L3 controllers running V27 firmware or later
- Ethernet communication that supports device-level ring (DLR), linear, and star network topologies
- Supports up to 50 displays in the application
- Supports up to 500 Logix-based alarms

Typical Configurations

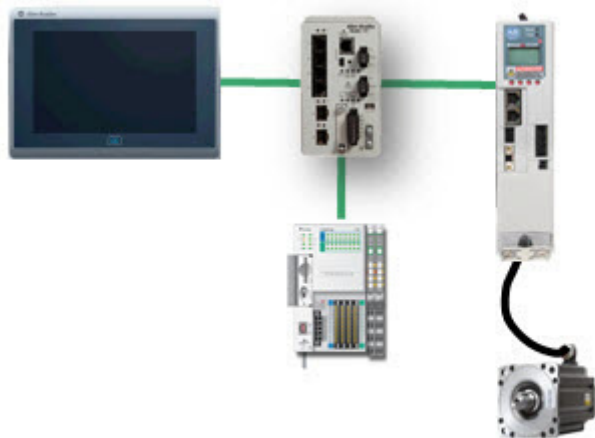
The following figures show linear, star, and ring configurations for both a standalone machine and a midsize application.

Standalone Machine

Linear Topology

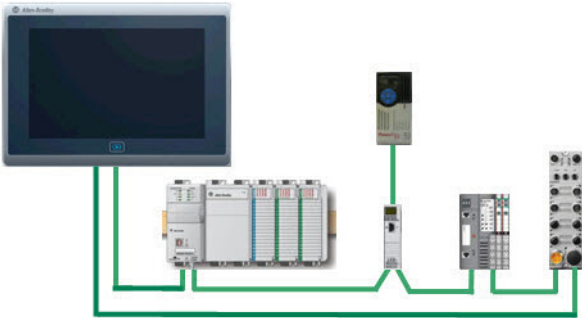


Star Topology

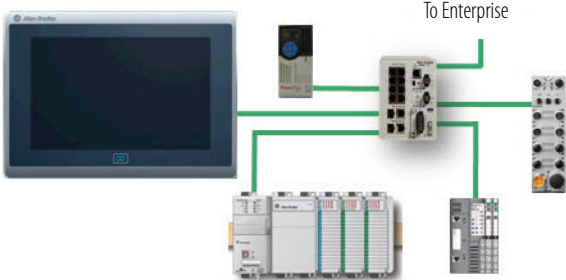


Midsize Application

Device Level Ring (DLR) Topology



Star Topology



PanelView 5500 700, 900W, 1000, 1200W, 1500, and 1900 Terminals

Logic Module Features

Features	Description
High memory capacity	512 MB RAM and 250 MB storage
Power input	DC or AC
Communication ports	Two 10/100Base-T, Auto MDI/MDI-X, built-in DLR Ethernet port for controller communication.
USB ports	Two USB high-speed 2.0 host ports (type A) support removable flash drives for external storage
Software	Studio 5000 environment provides single portal to View Designer and Logix Designer applications

Product Selections

Bulletin	Input Type	Display Size	Display Type	Power
2715-	T = Touch	7 = 6.5 in.	C = Color	D = DC
	B = Touch with keypad	9 = 9in.	W = Wide aspect-ratio color	A = AC
		10 = 10.4 in.		
		12 = 12.1 in.		
		15 = 15 in.		
		19 = 19 in.		

PanelView 5500 Terminals

	Cat. No.	Display			Communication	Input Power	Memory RAM/Nonvolatile
		Size	Type	Input	Ethernet		
7-inch Model	2715-T7CD	6.5 in	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T7CA	6.5 in.	Color TFT	Touch	•	AC	512 MB/250 MB
	2715-B7CD	6.5 in	Color TFT	Touch with keypad	•	DC	512 MB/250 MB
	2715-B7CA	6.5 in	Color TFT	Touch with keypad	•	AC	512 MB/250 MB
9-inch Model	2715-T9WD	9 in.	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T9WA	9 in.	Color TFT	Touch	•	AC	512 MB/250 MB
10-inch Model	2715-T10CD	10.4 in.	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T10CA	10.4 in.	Color TFT	Touch	•	AC	512 MB/250 MB
	2715-B10CD	10.4 in.	Color TFT	Touch with keypad	•	DC	512 MB/250 MB
	2715-B10CA	10.4 in.	Color TFT	Touch with keypad	•	AC	512 MB/250 MB

PanelView 5500 Terminals

	Cat. No.	Display			Communication	Input Power	Memory RAM/Nonvolatile
		Size	Type	Input	Ethernet		
12-inch Model	2715-T12WD	12.1 in.	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T12WA	12.1 in.	Color TFT	Touch	•	AC	512 MB/250 MB
15-inch Model	2715-T15CD	15 in.	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T15CA	15 in.	Color TFT	Touch	•	AC	512 MB/250 MB
	2715-B15CD	15 in.	Color TFT	Touch with keypad	•	DC	512 MB/250 MB
	2715-B15CA	15 in.	Color TFT	Touch with keypad	•	AC	512 MB/250 MB
19-inch Model	2715-T19CD	19 in.	Color TFT	Touch	•	DC	512 MB/250 MB
	2715-T19CA	19 in.	Color TFT	Touch	•	AC	512 MB/250 MB

Accessories

The following tables list accessories for the PanelView 5500 terminals.

Protective Overlays

Cat. No.	PanelView 5500 Terminal Model	Input	Display	Quantity
2711P-RGT7SP	6.5 in.	Touch		3
2711P-RGB7P		Touch with keypad		3
2711P-RGT9SP	9 in.	Touch	Wide	3
2711P-RGT10SP	10.4 in.	Touch		3
2711P-RGB10P		Touch with keypad		3
2711P-RGT12SP	12.1 in.	Touch	Wide	3
2711P-RGT15SP	15 in.	Touch		3
2711P-RGB15P		Touch with keypad		3
2711P-RGT19P	19 in.	Touch		3

Power Supplies and Power Terminal Blocks

Cat. No.	Description	Quantity
1606-XLP95E	DIN-rail power supply, 24...28V DC output voltage, 95 W	1
1606-XLP100E	DIN-rail power supply, 24...28V DC output voltage, 100 W	1
2711P-RSACDIN	DIN-rail power supply, AC-to-DC, 85...265V AC, 47...63 Hz	1
2711P-RTBAP	3-pin AC power terminal block	10
2711P-RTBDSP	3-pin DC power terminal block	10

Mounting Hardware

Cat. No.	Description	Quantity
2711P-RMCP	Mounting levers	16

Battery Replacement

Cat. No.	Description	Quantity
2711P-RY2032	Lithium coin cell battery, CR2032 equivalent	1

PanelView 800 Terminals

When you need an essential component but with a reduced cost, look to the PanelView 800 family of operator interface devices. The PanelView 800 platform features a full line of 4-inch, 7-inch, and 10-inch displays (PanelView Component terminals maintain their 2-inch and 3-inch displays). Preferred integration with Allen-Bradley® MicroLogix, Micro800, CompactLogix 5370 L1, and SLC 500 families of logic controllers offers a control and visualization solution for a variety of applications. The PanelView 800 platform includes the Connected Components Workbench software as the common programming software.



Other key features include the ability to do the following:

- Secure information on screens with user name and password protection.
- Display information in languages including Chinese, Portuguese, French, Italian, German, Spanish, and Korean.
- Alert operators with alarm messages that include embedded variables and an alarm status/history.
- Upload and download groups of data or parameter settings within the recipe feature.

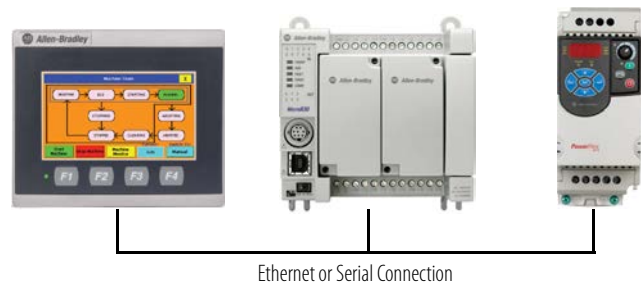
For complete technical specifications, certifications, and environmental specifications on the PanelView 800 terminals, refer to the PanelView 800 Terminals Technical Data, publication [2711R-TD001](#).

Software

The Connected Components Workbench software is the integrated design and configuration software. It offers DesignStation and controller programming within the same common platform.

Typical Configuration

Communicate to MicroLogix, Micro800, and SLC controllers via serial networks on all terminals and Ethernet on the 4, 7, and 10-inch displays. Communicate to CompactLogix 5370 L1 controllers over Ethernet only with 4, 7, and 10-inch displays. Multi-communication protocols include Modbus RTU and Modbus/TCP.



Product Selections

Bulletin	Input Type	Display Size	Display Type
2711R-	T = Analog touch and function keys ⁽¹⁾	4 = 4 in.	T = TFT Color, Widescreen
		7 = 7 in.	
		10 = 10 in.	
2711C-	F = Function keys	2 = 2 in.	M = Grayscale
	K = Keypad and function keys	3 = 3 in.	
	T = Touch screen		

(1) Only the 4-in. terminal includes function keys.

PanelView 800 Terminals

Cat. No	Display		Input Type	Communication		Power
	Size	Type		Serial ⁽¹⁾	Ethernet	
4-in. PanelView 800 Model						
2711R-T4T	4 in.	Color transmissive TFT	Analog touch and function keys	•	•	24V DC
7-in. PanelView 800 Model						
2711R-T7T	7 in.	Color transmissive TFT	Analog touch	•	•	24V DC
10-in. PanelView 800 Model						
2711R-T10T	10 in.	Color transmissive TFT	Analog touch	•	•	24V DC
PanelView Component C200 Model						
2711C-F2M	2-in.	Monochrome transmissive STN	4 function keys	•	–	24V DC
2711C-K2M			10 function keys and numeric keypad	•	–	24V DC
PanelView Component C300 Model						
2711C-T3M	3-in.	Monochrome transmissive STN	Touch screen	•	–	24V DC
2711C-K3M			10 function keys and numeric keypad	•	–	24V DC

(1) Serial refers to RS-232 (DF1), RS-232 (DH-485), RS-485 communication.

Product Accessories

The tables list accessories for the PanelView 800 and PanelView Component terminals.

Antiglare Overlays

Cat. No. ⁽¹⁾	PanelView Component Model	Input Type		
		Function Key	Numeric Keypad	Touch
2711C-RG2F	C200	.		
	C300			.
2711C-RG2K	C200		.	
	C300		.	
2711C-RG6T	C600			.
2711C-RG10T	C1000			.

(1) Three overlays are shipped with each catalog number.

Power Terminal Blocks

Cat. No.	Description	Quantity
2711C-RJ422	RS-422/RS-485 connector with resistor ⁽¹⁾	10
2711-TBDC	DC power terminal block	10

(1) This power terminal block is also used with the PanelView 800 terminals.

Power Supply

Cat. No.	Description	Quantity
2711P-RSACDIN	DIN-rail mount AC-to-DC power supply, 85...265V AC, 47...63 Hz ⁽¹⁾	1

(1) This power supply is also used with the PanelView 800 terminals.

Adapter Plate Kit

Cat. No.	Description	Quantity
2711R-APK7	PanelView 800 Adapter Plate Kit for 7-Inch Terminal	1
2711R-APK10	PanelView 800 Adapter Plate Kit for 10-Inch Terminal	1

Communication Cables

Use these cables for connecting PanelView 800 and PanelView Component terminals.

Cables for PanelView 800 and PanelView Component Terminals

Cat. No.	Description	For Use With
2711C-CBL-UU02	USB-A host to USB-B device cable, 2 m (6.5 ft)	C200, C300
2711P-CBL-EX04	Ethernet crossover CAT5 cable, 4.3 m (14 ft)	PanelView 800: 4-in, 7-in., and 10-in.
1747-CP3	Serial 9-pin D-shell to 9-pin D-shell null modem cable, 3 m (10 ft)	C200, C300 PanelView 800: 4-in, 7-in., and 10-in.
1761-CBL-PM02	Serial 9-pin D-shell to 8-pin mini DIN cable, 2 m (6.5 ft)	C200, C300 PanelView 800: 4-in, 7-in., and 10-in.
2711C-CBL-AB03	RS-485 5-pin to RJ45 cable	C200, C300 PanelView 800: 4-in, 7-in., and 10-in.
1763-NC01 series A	8-pin Mini DIN to 6-pin RS-485 terminal block	PanelView 800: 4-in, 7-in., and 10-in.

This table provides a summary of connections to MicroLogix controllers.

Communication Cables: PanelView 800 and PanelView Component Terminals to MicroLogix Controllers⁽¹⁾

Protocol	Port	MicroLogix (8-pin Mini DIN) 1000, 1100, 1400, 1200LSP, 1500LSP (CH0)	MicroLogix (9-pin D-shell) 1500LRP (CH1)	MicroLogix 1100/1400 RS-485 (1763-NC01)	MicroLogix 1100, 1400 Ethernet
DF1	RS-232	1761-CBL-PM002	1747-CP3	—	—
DH-485	RS-232	1761-CBL-PM002	1747-CP3	Use AIC+ module (1761-NET-AIC) connect to port 3	—
	RS-485 ⁽²⁾	—	—	Belden 3106A or #9842 or equivalent	—
Modbus	RS-232	1761-CBL-PM002	1747-CP3	Use AIC+ module (1761-NET-AIC) connect to port 3	—
Ethernet (MicroLogix/ENI)2	Ethernet	—	—	—	CAT5 Ethernet

(1) The communication cables listed in this table are also used to connect PanelView 800 terminals to MicroLogix controllers.

(2) RS-485 is isolated and is recommended for connecting to only one device with an isolated port.

This table provides a summary of connections to Micro800 controllers.

Communication Cables: PanelView 800 Terminals to Micro800 Controllers

Protocol	PanelView 800 Port	Micro820	Micro830	Micro850	Micro800 Plug-in Module (2080-SERIALISOL)
Modbus (RTU) (HD)	RS-232	_(2)	1761-CBL-PM02	1761-CBL-PM02	_(2)
	RS-485 ⁽¹⁾	_(2)	_(2)	_(2)	_(2)
Modbus unsolicited (HD)	RS-232	_(2)	1761-CBL-PM02	1761-CBL-PM02	_(2)
	RS-485 ⁽¹⁾	_(2)	_(2)	_(2)	_(2)
Ethernet (AB CIP)	Ethernet	2711P-CBL-EX04 (CAT5 Ethernet)	N/A ⁽³⁾	2711P-CBL-EX04 (CAT5 Ethernet)	N/A ⁽³⁾
Modbus TCP	Ethernet	2711P-CBL-EX04 (CAT5 Ethernet)	N/A ⁽³⁾	2711P-CBL-EX04 (CAT5 Ethernet)	N/A ⁽³⁾
Serial (AB CIP)	RS-232	_(2)	1761-CBL-PM02	1761-CBL-PM02	_(2)

(1) RS-485 is isolated and is recommended for connecting to only one device with an isolated port.

(2) This controller includes a terminal block and requires wiring.

(3) This connectivity is not available for this controller.

This table provides a summary of connections to CompactLogix 5370 L1 controllers.

Communication Cables: PanelView 800 Terminals to CompactLogix 5370 L1 Controllers

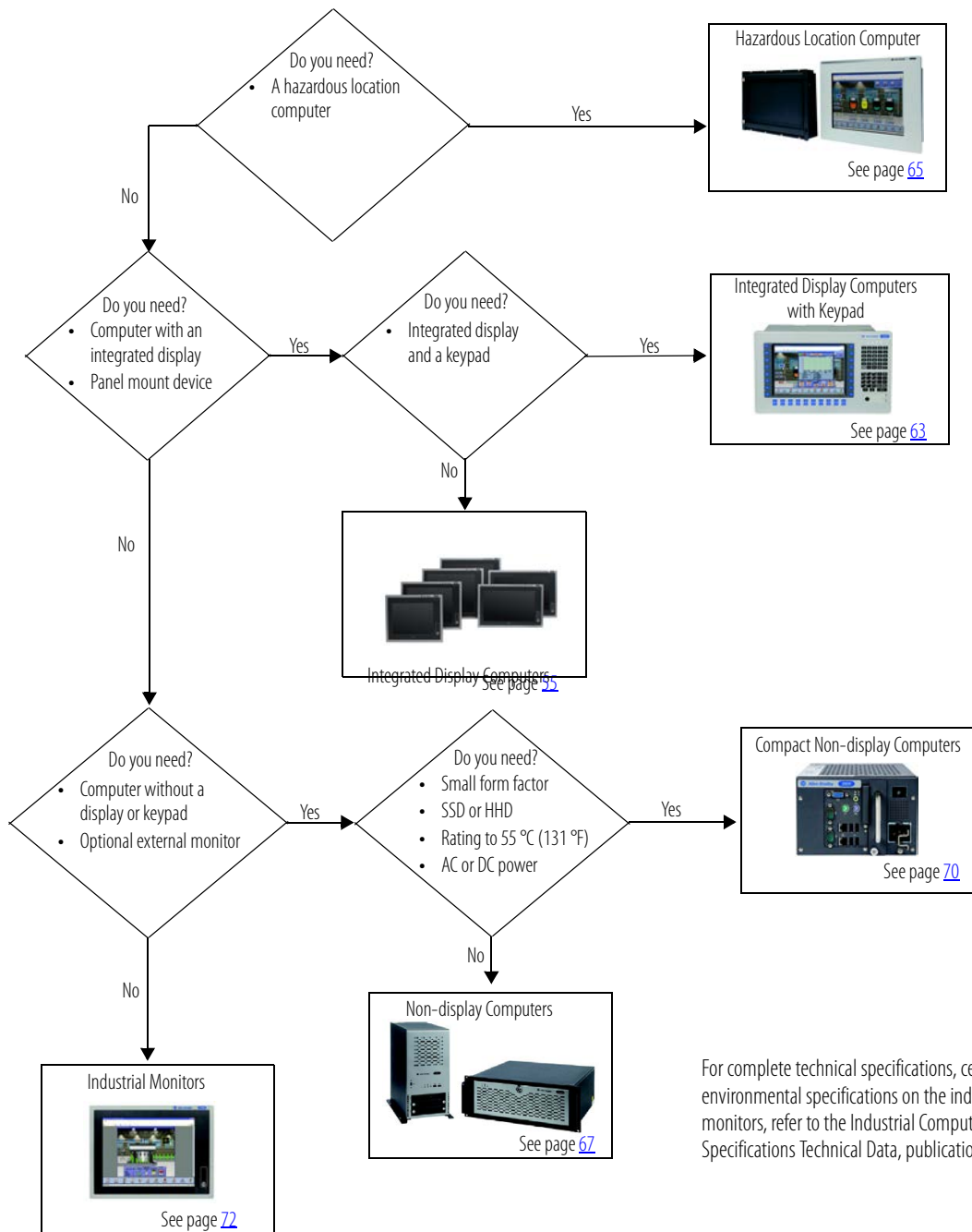
Protocol (CIP)	PanelView 800 Port	CompactLogix 5370 L1
Ethernet (CompactLogix)	2711P-CBL-EX04 (CAT5 Ethernet)	2711P-CBL-EX04 (CAT5 Ethernet)

Industrial Computers and Monitors

The industrial computers and monitors are built with high-grade components that are critical to the safety and success of applications in demanding industrial environments:

- Seamless integration with the full suite of Rockwell Software solutions, including the Integrated Architecture platform and FactoryTalk View software
- Utilities for system backup and restore, hardware analysis, and troubleshooting
- Unit-level immediate exchange program to reduce downtime

Selecting an Industrial Computer

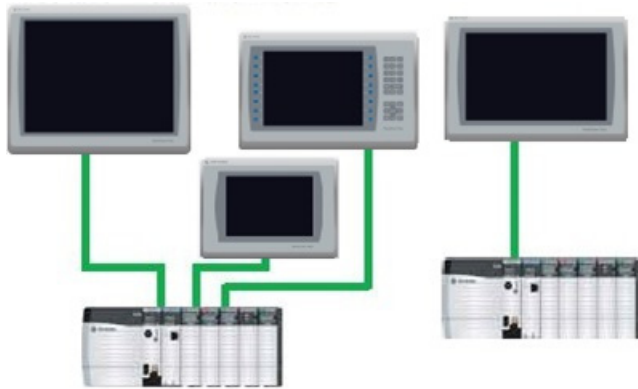


For complete technical specifications, certifications, and environmental specifications on the industrial computers and monitors, refer to the Industrial Computers and Monitors Specifications Technical Data, publication [IC-TD001](#).

Typical Configurations

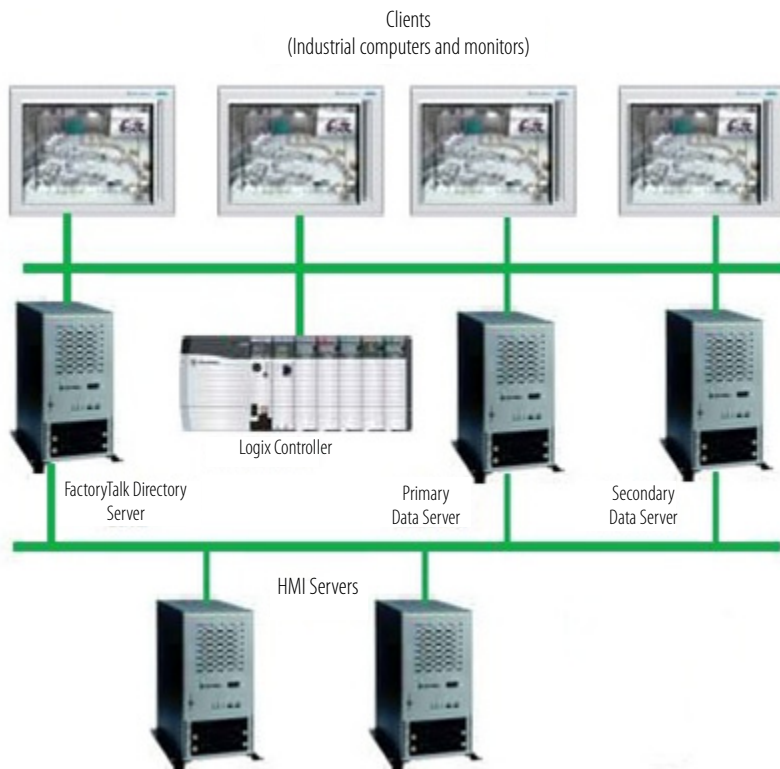
This configuration illustrates a typical station-level HMI showing a FactoryTalk View ME or FactoryTalk View SE local network with either PanelView Plus terminals, industrial computers and monitors, and a logix controller.

FactoryTalk View Station Level HMI



This configuration provides a typical site-level HMI showing a FactoryTalk View SE network with industrial computers and monitors and a logix controller.

FactoryTalk View Site Level HMI



Integrated Display Computers



When you require a view into your operations, the integrated display computers serve as the foundation for visualization control of processes and machinery by using information displays to repair, maintain, or start a process. This platform comes with a continuous-duty, hard-disk drive or a mission-critical, solid-state drive that is free of moving parts. A fanless design with increased temperature ratings and low-voltage processors add to its ruggedness. The integrated display computers provide seamless integration with the full suite of Rockwell Software solutions, including the Integrated Architecture platform and FactoryTalk View software.

Standard Models (Series E)

Standard models provide the essential features you need at the right value for most visual interface and basic information applications:

- Hard-disk drive or solid-state drive
- 12-, 15-, or 17-inch display options
- Celeron M processor with expandable memory to 4 GB
- One CompactFlash slot
- Rated to 50 °C (122 °F) for all displays
- Single-touch resistive touchscreens

Performance Models (Series F)

Performance models are equipped with features designed to meet the most demanding integrated display computer needs:

- Hard-disk drive or solid-state drive with DC power input option
- 12-, 15-, 17-, or 19-inch display options
- Lockable front-accessible USB 3.0 port
- Core i3 processor and expandable memory up to 16 GB
- Expansion options through a PCIe slot and an accessory kit for adding PCI or additional PCIe
- CompactFlash Type II slot with cover
- Rated to 55 °C (131 °F) for 12-, 15-, and 17-inch displays, and 50 °C (122 °F) for 19-inch displays
- Flush panel design minimizes debris buildup
- Single-touch resistive touchscreens
- Front user interface button

Advanced Models (Series F)

Advanced models offer many of the same features as the Performance models, but the Advanced models include greater computing capacity:

- Hard-disk drive or solid-state drive with DC power input option
- 15-, 17-, or 19-inch display options, including 15- and 19-inch wide screen versions
- Core i7 processor and expandable memory up to 16 GB
- CompactFlash Type II slot with cover
- Expansion options through a PCIe slot and an accessory kit for adding PCI or additional PCIe
- Rated to 0...50 °C (32...122 °F) for 15- and 19-inch widescreen models and 19-inch non-widescreen models
- Rated 0...55 °C (32...131 °F) for 15- and 17-inch non-widescreen models
- Multi-touch capacitive touchscreens
- Front user interface button
- RAID server model available

Product Selections – Standard Models (Series E)

Bulletin	Display Size	Input Type	Package	Operating System	Power	Bezel Type
6181P- HDD drive	12 = 12.1 in. 15 = 15 in. 17 = 17 in.	N = No touch screen T = Touch screen	S = Standard	XP= Windows XP Professional SP3 WE= Windows Embedded	Default = AC	Default = Aluminum
6181F- SSD drive						

6181P/6181F Integrated Display Computers

Cat. No.	Display Size	Touch Screen	Package	Windows Operating System	Power	Bezel	Storage
1200P Model							
6181P-12NSXP	12.1-in. TFT display	None	Standard	Windows XP Professional SP3	AC	Aluminum	Hard Disk
6181P-12TSXP		•	Standard		AC		Hard Disk
6181F-12TSXP		•	Standard		AC		Solid State
6181F-12TSWE		•	Standard	Windows Embedded Standard 2009	AC	Solid State	
1500P Model							
6181P-15NSXP	15-in. TFT display	None	Standard	Windows XP Professional SP3	AC	Aluminum	Hard Disk
6181P-15TSXP		•	Standard		AC		Hard Disk
6181F-15TSXP		•	Standard		AC		Solid State
6181F-15TSWE		•	Standard	Windows Embedded Standard 2009	AC	Solid State	
1700P Model							
6181P-17NSXP	17-in. TFT display	None	Standard	Windows XP Professional SP3	AC	Aluminum	Hard Disk
6181P-17TSXP		•	Standard		AC		Hard Disk
6181F-17TSXP		•	Standard		AC		Solid State
6181F-17TSWE		•	Standard	Windows Embedded Standard 2009	AC	Solid State	

Package Features: 6181P/6181F Integrated Display Computers

Package Features	Standard
Processor	Intel Celeron M ULV 423 1.06 GHz
RAM	2 GB DDR2 (4GB max)
Storage	Hard Disk - 100 GB, 2.5-in. SATA HDD Solid State- 32 GB, 2.5-in. SSD
CompactFlash Type II	1 Slot
Touch Screen	Resistive Single-Touch

Product Selections – Performance Models (Series F)

Bulletin	Display Size	Bezel Type	Package	Storage	Operating System	Bundle	Power
6181P-	00 = Non display	A = Aluminum 4:3	2 = Performance	H = Hard Disk	W7 = Windows 7 SP1 (64-bit)	1 = Base OS, No RA Software	AC
	12 = 12.1 in.	B = Aluminum 16:9		S = Solid State	E7 = Windows Embedded Standard 7	2 = ⁽¹⁾	DC
	15 = 15 in.	C = Stainless Steel 4:3				3 = ⁽¹⁾	
	17 = 17 in.	N = No bezel, non-display					
	19 = 19 in.						

(1) Reserved for future hardware/software bundle.

6181P Integrated Display Computers

Cat. No.	Display Size	Bezel Type	Package	Storage	Windows Operating System	Bundle	Power
Non-display Model							
6181P-00N2HW71AC	–	No Bezel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-00N2HW71DC	–	No Bezel	Performance	Hard Disk	Windows 7 SP1 (64-bit)'	1	DC
6181P-00N2SW71AC	–	No Bezel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-00N2SW71DC	–	No Bezel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
6181P-00N2SE71AC	–	No Bezel	Performance	Solid State	Windows Embedded Standard 7	1	AC
6181P-00N2SE71DC	–	No Bezel	Performance	Solid State	Windows Embedded Standard 7	1	DC
12-inch Model (4:3 aspect ratio)							
6181P-12A2HW71AC	12.1 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-12A2HW71DC	12.1 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-12A2SW71AC	12.1 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-12A2SW71DC	12.1 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
6181P-12A2SE71AC	12.1 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	AC
6181P-12A2SE71DC	12.1 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	DC
15-inch Model (4:3 aspect ratio)							
6181P-15A2HW71AC	15 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-15A2HW71DC	15 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-15C2HW71AC	15 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-15C2HW71DC	15 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-15A2SW71AC	15 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-15A2SW71DC	15 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
6181P-15A2SE71AC	15 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	AC
6181P-15A2SE71DC	15 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	DC
6181P-15C2SW71AC	15 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-15C2SW71DC	15 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
17-inch Model (5:4 aspect ratio)							
6181P-17A2HW71AC	17 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-17A2HW71DC	17 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-17C2HW71AC	17 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-17C2HW71DC	17 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-17A2SW71AC	17 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-17A2SW71DC	17 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC

6181P Integrated Display Computers

Cat. No.	Display Size	Bezel Type	Package	Storage	Windows Operating System	Bundle	Power
6181P-17A2SE71AC	17 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	AC
6181P-17A2SE71DC	17 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	DC
6181P-17C2SW71AC	17 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-17C2SW71DC	17 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
19-inch Model (5:4 aspect ratio)							
6181P-19A2HW71AC	19 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-19A2HW71DC	19 in.	Aluminum	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-19C2HW71AC	19 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-19C2HW71DC	19 in.	Stainless Steel	Performance	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-19A2SW71AC	19 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-19A2SW71DC	19 in.	Aluminum	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC
6181P-19A2SE71AC	19 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	AC
6181P-19A2SE71DC	19 in.	Aluminum	Performance	Solid State	Windows Embedded Standard 7	1	DC
6181P-19C2SW71AC	19 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-19C2SW71DC	19 in.	Stainless Steel	Performance	Solid State	Windows 7 SP1 (64-bit)	1	DC

Product Selections – Advanced Models (Series F)

Bulletin	Display Size	Bezel Type	Package	Storage	Operating System	Bundle	Power
6181P-	00 = Non display	A = Aluminum 4:3	3 = Advanced	H = Hard Disk	W7 = Windows 7 SP1 (64-bit)	1 = Base OS, No RA Software	AC
	15 = 15 in.	B = Aluminum 16:9		S = Solid State	E7 = Windows Embedded Standard 7	2 = ⁽¹⁾	DC
	17 = 17 in.	N = No bezel, non-display		R = RAID	S8 = Windows Server 2008 R2 SP1	3 = ⁽¹⁾	
	19 = 19 in.						

(1) Reserved for future hardware/software bundle.

6181P Integrated Display Computers

Cat. No.	Display Size	Bezel Type	Package	Storage	Windows Operating System	Bundle	Power
Non-display Model							
6181P-00N3HW71AC	–	No Bezel	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-00N3HW71DC	–	No Bezel	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-00N3SW71AC	–	No Bezel	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-00N3SW71DC	–	No Bezel	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC
6181P-00N3RS81AC	–	No Bezel	Advanced	RAID ⁽¹⁾	Windows Server 2008 R2 SP1	1	AC
6181P-00N3RS81DC	–	No Bezel	Advanced	RAID	Windows Server 2008 R2 SP1	1	DC
15-inch Model (4:3 aspect ratio)							
6181P-15A3HW71AC	15 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-15A3HW71DC	15 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-15A3SW71AC	15 in.	Aluminium	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-15A3SW71DC	15 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC
15-inch Model (16:9 aspect ratio)							
6181P-15B3HW71AC	15 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-15B3HW71DC	15 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-15B3SW71AC	15 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-15B3SW71DC	15 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC
17-inch Model (5:4 aspect ratio)							
6181P-17A3HW71AC	17 in.	Aluminium	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-17A3HW71DC	17 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-17A3SW71AC	17 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-17A3SW71DC	17 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC
19-inch Model (5:4 aspect ratio)							
6181P-19A3HW71AC	19 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-19A3HW71DC	19 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-19A3SW71AC	19 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-19A3SW71DC	19 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC
19-inch Model (16:9 aspect ratio)							
6181P-19B3HW71AC	19 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	AC
6181P-19B3HW71DC	19 in.	Aluminum	Advanced	Hard Disk	Windows 7 SP1 (64-bit)	1	DC
6181P-19B3SW71AC	19 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	AC
6181P-19B3SW71DC	19 in.	Aluminum	Advanced	Solid State	Windows 7 SP1 (64-bit)	1	DC

(1) RAID = Redundant Array of Independent Disks

Package Features: 6181P Integrated Display Computers

Package Features	Performance	Advanced
Processor	Intel i3-4102E; 2 cores; 1.6 GHz	Intel i7-4700EQ; 4 cores; 2.4 GHz
RAM	4 GB (2x 2 GB)	8 GB (2 x 4 GB)
Storage	Hard Drive- 1x100 GB, 2.5-in SATA HDD Solid State- 1x32 GB, 2.5-in. SATA SSD	Hard Drive- 1x100 GB, 2.5-in SATA HDD RAID - 2x100GB, 2.5-in SATA HDD Solid State- 1x32 GB, 2.5-in. SATA SSD
Optical Storage	—	1 DVD-RW/CD-RW
CompactFlash Type II	Type II slot with cover	Type II slot with cover
Expansion Slots	1 PCI Express x8 (upgradable to 1 PCI, 2PCI, 2 Pcle x4, or 1 Pcle x4+ 1 PCI with separate PCI riser kits)	1 PCI Express x8 (upgradable to 1 PCI, 2PCI, 2 Pcle x4, or 1 Pcle x4+ 1 PCI with separate PCI riser kits)
Touch Screen	Resistive Single-Touch ⁽¹⁾	Capacitive Multi-Touch ⁽¹⁾

(1) Does not apply to non-display versions.

Accessories

The tables list accessories for the 6181P/6181F integrated display computers.

Storage Drives

Cat. No.	Description	For Use With
6189V-25HDDST100	2.5-in. 100 GB SATA hard-disk drive	6181P/F (Series E) or 6181P (Series F)
6189V-25SSD32GB	2.5-in. 32 GB SATA solid-state drive	6181P/F (Series E)
6189V-CFSSD8GB	CompactFlash 8 GB solid-state drive	6181P/F (Series E) or 6181P (Series F)
6189V-CFSSD16GB	CompactFlash 16 GB solid-state drive	6181P/F (Series E) or 6181P (Series F)
6189V-6181TRAY	Empty 2.5" HDD Tray	6181P (Series F)
6189V-6181HDD100GB	Replacement 2.5-in. 100GB HDD mounted in HDD Tray	6181P (Series F)
6189V-6181SSD32GB	Replacement 2.5-in. 32GB SSD mounted in HDD Tray	6181P (Series F)
6189V-6181SSD64GB	Replacement 2.5-in. 64GB SSD mounted in HDD Tray	6181P (Series F)

Memory Modules

Cat No.	Description	For Use With
6189V-1GDDR2	1 GB DDR2 Memory	6181P/F (Series E)
6189V-2GDDR2	2 GB DDR2 Memory	6181P/F (Series E)
6189V-8GSODDR3	Replacement DDR3 Memory 2 x 4GB SO-DIMM	6181P (Series F)
6189V-16GSODDR3	Upgrade DDR3 Memory 2 x 8GB SO-DIMM	6181P (Series F)

Add-in Cards and Modules

Cat. No.	Description	For Use With
6189V-PCIENET	Ethernet PCI card, 10/100/1000Mbps	6181P (Series F)
6189V-EXTPCI2	PCIe Slot Expansion Kit: Contains extended back panel and 3 riser cards total: <ul style="list-style-type: none"> • 1 PCIe 4x and 1 PCI • 2 PCIe 4x • 2 PCI 	6181P (Series F)
6189V-PCIR	PCIe Slot Legacy Kit: Riser card for 1 PCI	6181P (Series F)

Power Supply

Cat. No.	Description	For Use With
6189V-ACPS	Replacement External power supply	6181P/F (Series E)
6189V-PSU6181DC	Replacement DC Power Supply	6181P (Series F) ⁽¹⁾
6189V-PSU6181AC	Replacement AC Power Supply	6181P (Series F) ⁽²⁾

(1) Must only be used with DC units.

(2) Must only be used with AC units.

Protective Screen Covers

Cat. No.	Description	Quantity	For Use With
6189V-SCRNCOVER12	Protective Screen Cover	10	6181P/F (Series E), 6181P (Series F)
6189V-SCRNCOVER15	Protective Screen Cover	10	6181P/F (Series E), 6181P (Series F) ⁽¹⁾
6189V-SCRNCOVER17	Protective Screen Cover	10	6181P/F (Series E), 6181P (Series F)
6189V-15COVER	15-in. vinyl bezel cover	1	6181P/F (Series E), 6181P (Series F) ⁽¹⁾

(1) Does not include 16:9 wide screen models.

Mounting Hardware

Cat. No.	Description	For Use With
6189V-MCLPS3	14 Replacement Mounting Clips	6181P/F (Series E), 6181P (Series F)
6189V-BOOKBRKT	Bookshelf Bracket for Non-Display Model	6181P Non-Display (Series F)
6189V-ACCESSBOX6181	Replacement accessory box	6181P (Series F)

Cables

Cat. No.	Description	For Use With
6189V-DVICBL2	Digital video cable, 2 m (6.5 ft)	6181P (Series F)
6189V-DVICBL5	Digital video cable, 5 m (16.4 ft)	6181 P (Series F)

Replacement Key

Cat. No.	Description	For Use With
6189V-USBKEY	Key for front USB port	6181P (Series F)

Industrial Keyboards and Pointing Devices

Cat. No.	Description	Material	For Use With
6189V-HPMOUSE	PS/2 desktop mouse, 3 button	Stainless Steel	6181P (Series F)
6189V-HPMOUSEP	PS/2 panel-mount mouse, 3 button		6181P (Series F)
6189V-KBDEPS1	PS/2 desktop keyboard/mouse, 116 key		6181P (Series F)
6189V-KBPEPS1	PS/2 panel-mount keyboard mouse, 116 key		6181P (Series F)
6189V-KBDEPC1U	USB desktop keyboard/mouse, 116 key	Polycarbonate	6181P/F (Series E), 6181P (Series F)

Adapters

Cat. No.	Description	For Use With
6189V-DPDVI	DP to DVI-D Adapter	6181P (Series F)
6189V-DPVGA	DP to VGA Adapter	6181P (Series F)

Replacement Parts

Cat. No.	Description	For Use With
6189V-ODD	Replacement CD/DVD Drive	6181P Advanced (Series F)
6189V-6181FAN	Replacement Fan for Advanced models	6181P Advanced (Series F)

Integrated Display Computers with Keypad

With an integral display and keypad in the same unit, this platform can function as an operator input station or an industrial computer. The absence of external monitor cables and separate component mounting requirements makes for easy system integration. These panel-mount computers can control machinery or a process, display information necessary to repair, maintain, or start up a process; and gather basic production information for making informed business decisions:



- 12- or 15-inch flat panel displays with a resistive touch-screen option
- 36 or 44 configurable keys and alphanumeric keypad
- Lockable front-accessible USB port and power switch
- Two hot-swappable hard-disk drive bays, RAID capable
- Two full-length PCI, half-length PCI, and full-length ISA expansion slots
- Standard package or performance package equipped with higher processing power, and RAM and a DVD-RW drive

Product Selections

Bulletin	Display Size	Input Type	Package	Operating System	Power
6180P-	12 = 12.1 in. 15 = 15 in.	K = Keypad B = Key & Touch	S = Standard P = Performance	XP= Windows XP Professional SP3	Default = AC Power DC = DC Power

Integrated Display Computer with Keypad

Cat. No.	Display Size	Resistive Touch Screen	Function Keys	Package	Operating System	Power
1200P Model						
6180P-12KSXP	12.1-in. TFT display	–	36	Standard	Windows XP Professional SP3	AC
6180P-12KPXP		–	36	Performance		AC
6180P-12BSXP		•	36	Standard		AC
6180P-12BPXP		•	36	Performance		AC
6180P-12BPXPDC		•	36	Performance		DC
1500P Model						
6180P-15KSXP	15.1-in. TFT display	–	44	Standard	Windows XP Professional SP3	AC
6180P-15KPXP		–	44	Performance		AC
6180P-15BSXP		•	44	Standard		AC
6180P-15BPXP		•	44	Performance		AC
6180P15BPXPDC		•	44	Performance		DC

Package Features: Integrated Display Computer with Keypad

Package Features	Standard	Performance
Processor	Celeron M 1.86GHz	Core Duo 2.0 GHz
RAM	1 GB DDR2	2 GB DDR2
Hard-disk drive	250 GB	250 GB
Optical storage	DVD-ROM/CD-RW	DVD-RW

Accessories

The tables list accessories for the 6180P display computers with a keypad.

Storage Drives

Cat. No.	Description	For Use With
6189V-35HDDST250	3.5-in. 250 GB SATA hard-disk drive	6180P

Memory Modules

Cat. No.	Description	For Use With
6189V-1GDDR2	1 GB DDR2 memory	6180P
6189V-2GDDR2	2 GB DDR2 memory	6180P

Add-in Cards and Modules

Cat. No.	Description	For Use With
6189V-PCIENET	Ethernet PCI card, 10/100/1000 Mbps	6180P
6189V-PCIDVI	PCI DVI video card, dual outputs	6180P

Protective Screen Covers

Cat. No.	Description	Quantity	For Use With
6189V-SCRNCOVER12	Protective screen cover	10	6180P-12
6189V-SCRNCOVER15	Protective screen cover	10	6180P-15

Cables

Cat. No.	Description	For Use With
2711-NC13	Touch screen cable, 5 m (16.4 ft)	6180P

Industrial Keyboards and Pointing Devices

Cat. No.	Description	Material	For Use With
6189V-HPMOUSE	PS/2 desktop mouse, 3 button	Stainless Steel	6180P
6189V-HPMOUSEP	PS/2 panel-mount mouse, 3 button		6180P
6189V-KBDEPS1	PS/2 desktop keyboard/mouse, 116 key		6180P
6189V-KBPEPS1	PS/2 panel-mount keyboard mouse, 116 key		6180P
6189V-KBDEPC1U	USB desktop keyboard/mouse, 116 key	Polycarbonate	6180P

Hazardous Location Computers

This extreme environment computer combines safety with extended operating temperature ratings. Industries from oil and gas to chemicals and mining must regularly work with potentially explosive materials, in locations where hardware often takes a beating. These computers are designed to endure the harsh extremes of heat and cold.

With Class 1 Division 2, ATEX, and IECEx hazardous location certification, the extreme environment computer can be safely used globally in areas where explosive materials may be present. The display version of this computer is panel mounted while the non-display version mounts within an enclosure or cabinet. Both can withstand temperatures between -20...70 °C (-4...158 °F) inside a cabinet or enclosure. The surface temperature of the front of the display computer can withstand ambient temperatures in the range -20...55 °C (-4...131 °F).



Product Selections

Bulletin	Display Size	Input Type	Package	Operating System	Input Power
6181X	12 = 12.1 in. N = No display	T = Touch	P = Performance	XP = Windows XP Professional SP3	DC = Standard

Hazardous Location Computer

Cat. No.	Display Size	Processor	RAM	Storage Drive	Expansion Slots	Operating System	Power	Mounting
1200XT Model								
6181X-12TPXPDC	12.1-in. TFT display • Resistive Touch • Sunlight readable	Core Duo U2500, 1.2GHz	2 GB (4 GB max)	8 GB Compact Flash ⁽¹⁾	1 half-length PCI	Windows XP Professional SP3	DC	Panel
6181X-NPXPDC	No display	Core Duo U2500, 1.2GHz	2 GB (4 GB max)	8 GB Compact Flash ⁽¹⁾	1 half-length PCI	Windows XP Professional SP3	DC	Wall
6181X-12TPW7DC	12.1-in. TFT display • Resistive Touch • Sunlight readable	Core Duo U2500, 1.2GHz	2 GB (4 GB max)	16 GB Compact Flash ⁽¹⁾	1 half-length PCI	Windows 7 Professional	DC	Panel
6181X-NPW7DC	No display	Core Duo U2500, 1.2GHz	2 GB (4 GB max)	16 GB Compact Flash ⁽¹⁾	1 half-length PCI	Windows 7 Professional	DC	Wall

(1) Another CompactFlash Type 2 slot available.

Accessories

The tables lists accessories for the hazardous location computer.

Memory Modules

Cat. No.	Description
6189X-4GDDR2	4 GB DDR2 memory

Mounting Hardware

Cat. No.	Description	Quantity
6189X-MCLPS	Mounting clips	10

Storage Drives

Cat. No.	Description
6189V-CFSSD8GB	CompactFlash 8 GB solid-state drive
6189V-CFSSD16GB	CompactFlash 16 GB solid-state drive

Non-display Computers



750R Model

1450R Model

The 6177R non-display computers (750R and 1450R) take advantage of the Intel second generation core processors to provide extremely powerful, highly reliable platforms suited for industrial environments. These computers are available in rugged machine-mount and rack-mount form factors and offer powerful remote management, onboard backup/restore, and integrated diagnostic capabilities.

Product Selections

Bulletin	Mounting	Package	Windows Operating System	Input Power
6177R	MM = Machine Mount RM = RU Rack	P = Performance A = Advanced S = Server	XP = XP Professional SP3 W7 = 7 Professional (64 bit) SP1 S8 = Server 2008 R2 (64 bit) SP1 W8 = Embedded 8.1 Industry Pro 12 = Server 2012 Standard R2 NO = No operating system	Default = AC power

Non-display Computers

Cat. No.	Mounting	Package Features	Windows Operating System	Processor	RAM	Hard Drive	Optical Storage	Expansion Slots	Power
750R Model									
6177R-MMPXP	Machine	Performance	Windows XP Professional SP3	Intel Core i3-2120 3.3 Ghz	4 GB 32 GB max	500 GB	DVD-RW	<ul style="list-style-type: none"> • 1 PCI • 1 PCI Express x16 • 1 PCI Express x4 • 1 PCI Express x1 	AC
6177R-MMPW7	Machine	Performance	Windows 7 Professional (64 bit) SP1						
6177R-MMPN0	Machine	Performance	No Operating System						
6177R-MMAW7	Machine	Advanced	Windows 7 Professional (64 bit) SP1	Intel Core i5-2400 3.1 Ghz	8 GB 32 GB max	500 GB			
6177R-MMSS8	Machine	Server	Windows Server 2008 R2 (64 bit) SP1			(2) 500 GB ⁽¹⁾			
6177R-MMSN0	Machine	Server	No Operating System			(2) 500 GB			
6177R-MMAW8	Machine	Advanced	Windows 8.1 Industry Pro			500 GB			
6177R-MMS12	Machine	Server	Windows Server 2012 Standard R2			(2) 500 GB ⁽¹⁾			

(1) Enabled for RAID 1 operation.

Non-display Computers (continued)

Cat. No.	Mounting	Package Features	Windows Operating System	Processor	RAM	Hard Drive	Optical Storage	Expansion Slots	Power
1450R model									
6177R-RMPXP	4U Rack	Performance	Windows XP Professional SP3	Intel Core i3-2120 3.3 Ghz	4 GB 32 GB max	500 GB	DVD-RW	<ul style="list-style-type: none"> • 4 PCI • 1 PCI Express x16 • 1 PCI Express x4 • 1 PCI Express x 1 	AC
6177R-RMPW7	4U Rack	Performance	"Windows 7 Professional (64 bit) SP1						
6177R-RMPN0	4U Rack	Performance	No Operating System						
6177R-RMAW7	4U Rack	Advanced	Windows 7 Professional (64 bit) SP1	Intel Core i5-2400 3.1 Ghz	8 GB 32 GB max	500 GB			
6177R-RMSS8	4U Rack	Server	Windows Server 2008 R2 (64 bit) SP1			(2) 500 GB ⁽¹⁾			
6177R-RMSN0	4U Rack	Server	No Operating System			(2) 500 GB			
6177R-RMAW8	RU Rack	Advanced	Windows 8.1 Industry Pro			500 GB			
6177R-RMS12	RU Rack	Server	Windows Server 2012 Standard R2			(2) 500 GB ⁽¹⁾			

(1) Enabled for RAID 1 operation.

Accessories

The tables list accessories for the 6177R non-display computers.

Storage Drives

Cat. No.	Description	For Use With
6189V-35HDD500GB	3.5-in. 500 GB SATA hard-disk drive	750R, 1450R (6177R Series C)
6189V-HDDTRAY	Empty hard-disk drive tray	750R, 1450R (6177R Series C)

Memory Modules

Cat. No.	Description	For Use With
6189V-4GDDR3	4 GB DDR3 memory	750R, 1450R (6177R Series C)

Add-in Cards and Modules

Cat No.	Description	For Use With
6189V-PCIENET	Ethernet PCI card, 10/100/1000 Mbps	6177R
6189V-PCIBARMM	I/O card retention bracket	6177R Machine Mount
6189V-PCIBARRM	I/O card retention bracket	6177R Rack Mount

Mounting Hardware

Cat. No.	Description	For Use With
6189V-RACKSLIDES	Rackslides for mounting computer in rack cabinet	6177R Rack Mount

Cables

Cat. No.	Description	For Use With
6189V-DVIVGA	DVI-I to VGA adapter	6177R

Industrial Keyboards and Pointing Devices

Cat No.	Description	Material	For Use With
6189V-HPMOUSE	PS/2 desktop mouse, 3 button	Stainless Steel	6177R
6189V-HPMOUSEP	PS/2 panel-mount mouse, 3 button		6177R
6189V-KBDEPS1	PS/2 desktop keyboard/mouse, 116 key		6177R
6189V-KBPEPS1	PS/2 panel-mount keyboard mouse, 116 key		6177R
6189V-KBDEPC1U	USB desktop keyboard/mouse, 116 key	Polycarbonate	6177R



Compact Non-display Computers



These fanless computers provide an extremely durable computer option for harsh environments and require less space than most computers. Designed without cooling fans, the 6155F/6155R non-display computers come with either a mission critical solid-state drive or a continuous-duty hard-disk drive. Combine these features with the Windows Embedded Standard 2009 or Windows XP Professional operating system and you have the ideal platform for running visualization, control, or maintenance applications.

Product Selections

Bulletin	Display	Package	Operating System	Input Power
6155R HDD (hard-disk drive) or 6155F SDD (solid-state drive)	N = No display	S = Standard P = Performance	XP = Windows XP Professional SP3 WE = Windows Embedded Standard 2009	Default = AC power DC = DC power

Compact Non-display Computers

Cat. No.	Display	Package	Windows Operating System	Power	Storage Drive		Processor	RAM	I/O Ports	Expansion Slots
					SSD	HDD				
200R Model - Solid -state Drive (SDD)										
6155F-NPXP	None	Performance	Windows XP Professional SP3	AC	32 GB	—	Celeron M 1 GHz	2 GB	<ul style="list-style-type: none"> • 2 serial • 2 Ethernet LAN • 4 USB • 1 VGA • 1 PS/2 mouse • 1 PS/2 keyboard 	None
6155F-NPXPDC		Performance		DC	32 GB	—		2 GB		None
6155F-NPWWE		Performance	Windows Embedded Standard 2009	AC	32 GB	—		2 GB		None
6155F-NPWEDC		Performance		DC	32 GB	—		2 GB		None
200R Model - Hard-disk Drive (HDD)										
6155R-NPXP	None	Performance	Windows XP Professional SP3	AC	—	100 GB	Celeron M 1 GHz	2 GB	<ul style="list-style-type: none"> • 2 serial • 2 Ethernet LAN • 4 USB • 1 VGA • 1 PS/2 mouse • 1 PS/2 keyboard 	None
6155R-NPXPDC		Performance		DC	—	100 GB		2 GB		None
6155R-NSXP		Standard		AC	—	100 GB		1 GB		<ul style="list-style-type: none"> • 1 serial • 1 Ethernet LAN • 4 USB • 1 VGA • 1 PS/2 mouse • 1 PS/2 keyboard

Accessories

The tables list accessories for the 6155R compact non-display computers.

Storage Drives

Cat. No.	Description	For Use With
6189V-25HDDST100	2.5-in. 100 GB SATA hard-disk drive	6155R series E
6189V-25SSD32GB	2.5-in. 32 GB SATA solid-state drive	6155F series E
6189V-CFSSD8GB	CompactFlash 8 GB solid-state drive	6155R/6155F series E
6189V-CFSSD16GB	CompactFlash 16 GB solid-state drive	6155R/6155F series E

Memory Modules

Cat. No.	Description	For Use With
6189V-1GSODDR2	1 GB DDR2 SODIMM memory	6155R/6155F series E
6189V-2GSODDR2	2 GB DDR2 SODIMM memory	6155R/6155F series E

Cables

Cat. No.	Description	For Use With
2711-NC13	Touch screen cable, 5 m (16.4 ft)	6155R

Industrial Keyboards and Pointing Devices

Description	Material	For Use With	
6189V-HPMOUSE	PS/2 desktop mouse, 3 button	Stainless Steel	6155R/6155F
6189V-HPMOUSEP	PS/2 panel-mount mouse, 3 button		6155R/6155F
6189V-KBDEPS1	PS/2 desktop keyboard/mouse, 116 key		6155R/6155F
6189V-KBPEPS1	PS/2 panel-mount keyboard mouse, 116 key		6155R/6155F
6189V-KBDEPC1U	USB desktop keyboard/mouse, 116 key	Polycarbonate	6155R/6155F

Replacement Battery

Cat. No.	Description	For Use With
6189V-BATTERY	Replacement battery	6155R series E/6155F

Industrial Monitors



Whether your visualization application is on the factory floor or in a control room, the monitor portfolio provides versatile mounting configurations and interface options to choose from.

The industrial monitors deliver the latest in LCD technology for rugged industrial environments. Combine these monitors with any of the Rockwell Automation non-display computers to create a powerful visualization, maintenance, control, or information computing solution:

- The performance monitors are ideal for special purpose environments such as UL Class I Division II, and food and beverage areas, providing superior protection against heat, shock, and vibration. Combine with the 6181X hazardous location computer for a complete system solution.
- The standard monitors are suited for less demanding environments but still able to maintain endurance to temperature, shock, and vibration.

Standard Monitor Selections

Bulletin	Display Size	Mounting Type ⁽¹⁾	Touch screen
6176M	15 = 15 in.	P = Panel	N = No touch screen
Standard Monitors	17 = 17 in.	V = VESA	T = Touch screen
	19 = 19 in.		

(1) Panel-mount monitors have aluminum bezels. VESA mount monitors have plastic bezels.

Standard Monitors

Cat. No.	Display Size	Mounting	Resistive Touchscreen	Bezel	Includes
1550M Model					
6176M-15PN	15-in. TFT LCD display	Panel	–	Aluminum	Cables and power supply
6176M-15PT		Panel	•	Aluminum	
6176M-15VN		VESA	–	Plastic	
6176M-15VT		VESA	•	Plastic	
1750M Model					
6176M-17PN	17-in. TFT LCD display	Panel	–	Aluminum	Cables and power supply
6176M-17PT		Panel	•	Aluminum	
6176M-17VN		VESA	–	Plastic	
6176M-17VT		VESA	•	Plastic	
1950M Model					
6176M-19PN	19-in. TFT LCD display	Panel	–	Aluminum	Cables and power supply
6176M-19PT		Panel	•	Aluminum	
6176M-19VN		VESA	–	Plastic	
6176M-19VT		VESA	•	Plastic	

Performance Monitor Selections

Bulletin	Display Size	Mounting Type	Touch Screen	Bezel Type
6186M Performance Monitors	12 = 12.1 in. 15 = 15 in. 17 = 17 in. 19 = 19 in.	P = Panel V = VESA	N = No touch screen T = Touch screen	Default = Aluminum SS = Stainless steel

Performance Monitors

Cat. No. ⁽¹⁾	Display Size	Resistive Touchscreen	Bezel	Includes
1200M Model				
6186M-12PN	12.1-in.	–	Aluminum	Cables and power supply
6186M-12PT	TFT LCD display	•	Aluminum	
1500M Model				
6186M-15PN	15-in.	–	Aluminum	Cables and power supply
6186M-15PT	TFT LCD display	•	Aluminum	
6186M-15PNSS		–	Stainless Steel	
6186M-15PTSS		•	Stainless Steel	
1700M Model				
6186M-17PN	17-in.	–	Aluminum	Cables and power supply
6186M-17PT	TFT LCD display	•	Aluminum	
6186M-17PNSS		–	Stainless Steel	
6186M-17PTSS		•	Stainless Steel	
1900M Model				
6186M-19PN	19-in.	–	Aluminum	Cables and power supply
6186M-19PT	TFT LCD display	•	Aluminum	
6186M-19PNSS		–	Stainless Steel	
6186M-19PTSS		•	Stainless Steel	

(1) All 6186M models are suitable for UL Class I Division II hazardous location environments.

Monitor Accessories

The tables list accessories for the 6176M and 6186M industrial monitors.

Power Supply

Cat. No.	Description	For Use With
6189V-MPS3	AC-to-DC power adapter	6176M, 6186M

Protective Screen Covers

Cat. No.	Description	Quantity	For Use With
6189V-SCRNCOVER12	Protective screen cover	10	6186M-12
6189V-SCRNCOVER15	Protective screen cover	10	6176M-15, 6186M-15
6189V-SCRNCOVER17	Protective screen cover	10	6176M-17, 6186M-17
6189V-15PCOVER	15-in. vinyl bezel cover	1	6186M-15

Mounting Hardware

Cat. No.	Description	Quantity	For Use With
6189V-MCLPS2	Mounting Clips	12	6176M
6189V-MCLPS3	Mounting Clips	14	6186M

Cables

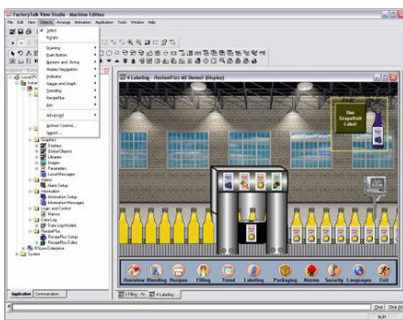
Cat No.	Description	For Use With
6189V-DVICBL2	Digital video cable, 2 m (6.5 ft)	6176M, 6186M
6189V-DVICBL5	Digital video cable, 5 m (16.4 ft)	6176M, 6186M
2711-NC13	Touch screen cable, 5 m (16.4 ft)	6176M, 6186M
6189V-TCHBL2	Serial touch screen cable, 2 m (6.5 ft)	6176M, 6186M
6189V-VGACBL2	Analog VGA video cable, 1.8 m (6 ft)	6176M, 6186M
6189V-USBCBL2	USB cable, 1.8 m (6 ft)	6176M, 6186M

FactoryTalk View performance and visibility HMI software, including FactoryTalk View Machine Edition, FactoryTalk View Site Edition, FactoryTalk ViewPoint, and FactoryTalk View Studio are designed with a common look, feel, and navigation to help speed HMI development and training time.

Supporting the Rockwell Automation Integrated Architecture platform, FactoryTalk View software is part of the scalable and unified suite of monitoring and control solutions designed to span machine-level applications through supervisory-level HMI applications across a network. This suite of HMI software products offers you a common development environment, application reuse, and architecture to increase productivity, reduce operation costs, and improve quality.

Combining Rockwell Automation hardware with its software assures comprehensive application support from an industry leader. For a complete list of available HMI software, visit <http://www.rockwellautomation.com/rockwellssoftware>.

FactoryTalk View Machine Edition Software



FactoryTalk View Machine Edition (ME) software supports both open and embedded operator interface solutions for monitoring and controlling individual machines or small processes. This software features a consistent operator interface across multiple platforms, including Microsoft Windows 8.1, 7, Vista, XP, Server, Embedded Compact solutions. Factory Talk View ME software consists of a design and runtime environment.

FactoryTalk View Studio Software

FactoryTalk View Studio software is the design environment for creating and testing HMI applications, including graphic displays, trends, alarms, and real-time animation. Runtime files can be generated to run on a PanelView™ Plus terminal or industrial computer.

FactoryTalk View ME Station

FactoryTalk View ME Station is the runtime environment for HMI applications. FactoryTalk View ME Station is automatically installed and activated on PanelView Plus terminals. FactoryTalk View ME activation is required when running HMI applications on industrial computers.

FactoryTalk View ME software offers many advantages:

- Alarms to alert operators to conditions requiring immediate action
- Security to restrict operator access to specific displays
- RecipePlus for machine or process recipe management
- Runtime language switching supports up to 20 languages per application
- Global and predefined objects are time and memory savers
- RSLogix™ 5000 and Logix Designer process faceplates
- Ability to convert runtime application to design application
- Parameter passing to facilitate reuse of displays and design efficiency

FactoryTalk View Site Edition Software

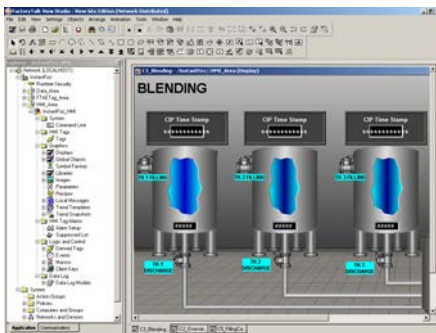
FactoryTalk View Site Edition (SE) software is an HMI for developing supervisory-level monitoring and control applications. This distributed and scalable architecture can be applied to a standalone, one-server/one-user application to multiple users interfacing with multiple servers. Runtime servers and clients are supported for customers to develop and deploy a multi-server/multi-client application.

FactoryTalk View SE applications are created and tested within the FactoryTalk View Studio design environment:

- Share data and seamless integration with other FactoryTalk enabled products. The FactoryTalk Services Platform provides common services such as security, alarming, and diagnostics across products.
- Optimize plant communication with FactoryTalk Live Data and premier connectivity to Rockwell Automation controllers.
- Access tag information directly in the controller, eliminating the need to create HMI tags.
- Configure an application from anywhere on the network and make changes to a running system with a remote, multi-user configuration capability.
- Define graphic displays once and reference them throughout a distributed system.
- Provide an audit trail of operator and alarm information in a centralized log database.
- Customize the operator experience by using client-side VBA and the exposed graphics object model.
- Maximize system availability with online creation and editing of graphics and optional server redundancy.



FactoryTalk View Studio Software



FactoryTalk View Machine Edition and FactoryTalk View Site Edition share a common design environment called FactoryTalk View Studio for creating applications. The ability to edit and reuse projects in FactoryTalk View Studio improves portability between embedded machine and supervisory HMI systems.

With FactoryTalk View software, all products in the suite are built on the same integrated, scalable architecture. Application developers can import entire machine-level applications into supervisory-level applications or drag individual components and drop them right into supervisory projects, which saves development time and reduces engineering and training costs.

Plus, you can protect your current HMI investments by importing PanelBuilder™ 32 (PanelView) applications into FactoryTalk View ME software and RSVIEW®32 applications into FactoryTalk View SE software.

With FactoryTalk View Studio software, you can do the following:

- Configure a single operator station or an entire distributed application from one location.
- Access tags from OPC servers throughout the system via a tag browser that presents direct controller tags and HMI tags in a logical hierarchy.
- Remotely configure RSLinx and FactoryTalk View SE servers.
- Create displays by using a full-featured graphics editor.
- Define display test in multiple languages, allowing operators to switch the language at runtime.
- Use pre-engineered faceplates to interface with the process control functions in the Logix controllers.

FactoryTalk ViewPoint Software



An add-on to FactoryTalk View SE software and PanelView Plus 6 or 7 terminals, FactoryTalk ViewPoint software provides on-demand access to important information about your plant or process from a web browser. Plant managers, supervisors, OEMs, system integrators, and other key stakeholders can now access, monitor, and interact with plant floor operations from virtually any location. The thin-client configuration means no client software to install and maintain, lowering total cost of ownership:

- Fully scalable, animated web applications viewable in the office, at home, or on the road.
 - Gives managers, OEMs, and system integrators read and write capability to both view and control real-time plant floor operations by logging into an Internet browser.
- Gain fast access to real-time information by using a standard web browser.
 - Supports multiple browsers and client devices for increased flexibility.
 - Lets FactoryTalk View projects be web-enabled without requiring application changes.
 - Monitor and control HMI applications, perform diagnostics, and provide remote support without having to be at customer sites.

Software Comparison

TECHNOLOGY: Customer Requirements	FactoryTalk View Site Edition (SE)	FactoryTalk View Machine Edition (ME)	RSView32
Operating systems (32-bit)	<ul style="list-style-type: none"> • Windows 8.1 Professional • Windows 8.1 Enterprise • Windows 8 Professional • Windows 8 Enterprise • Windows 7 Professional SP1 • Windows Server 2008 R2 Standard SP2 • Windows Vista Business SP2 • Windows XP Professional SP3 • Windows Server 2003 R2 Standard SP2 		<ul style="list-style-type: none"> • Windows 7 Professional • Windows XP Professional SP1 or later • Windows Server 2008 Standard SP2 • Windows Vista Business SP1 or later • Windows Vista Home Basic SP1 or later • Windows Server 2003 R2 Standard SP2 • Windows Server 2000 SP4 • Windows 2000 Professional SP4
Operating systems (64-bit)	<ul style="list-style-type: none"> • Windows 8.1 Professional • Windows 8.1 Enterprise • Windows 8 Professional • Windows 8 Enterprise • Windows 7 Professional SP1 • Windows 7 Enterprise SP1 • Windows 7 Ultimate SP1 • Windows Server 2012 Standard • Windows Server 2012 R2 Standard • Windows Server 2008 Standard SP2 • Windows Server 2008 R2 Enterprise SP1 • Windows Vista SP2⁽¹⁾ • Windows XP Professional SP3 • Windows Server 2008 R2 Standard SP21 		
Embedded platforms		X	
Windows domain security	X	X	X
OPC/ActiveX	X	X	X
FactoryTalk enabled	X	X	X
Server-side VBA			X
Client-side VBA	X		

(1) You can only use Windows Vista to host stand-alone or distribution applications that run on a single computer, or run FactoryTalk View SE Client or FactoryTalk View Studio software that connect to an +application hosted on the same computer or a remote computer.

ARCHITECTURE: Customer Requirements	FactoryTalk View Site Edition		FactoryTalk View Machine Edition	RSView32
Primary application	Supervisory level: single-station or multiple-server, multiple-client		Machine level: single-station	Supervisory level; single station or single server, multiple client
Tag-based HMI	X		X	X
Direct referencing	X		X	
	Network (Distributed)	Local		
Max number of servers/clients	10/50			1/20
FactoryTalk ViewPoint	X	X	X ⁽¹⁾	X
RSView32 web server				X
Thin clients (terminal services)	X			X
Multi-user development	X			
Remote configuration at runtime	X			
Redundancy – data server	X			
Redundancy – HMI server	X			Active display

(1) Supported only on PanelView Plus 6 and PanelView Plus 7 terminals.

FEATURES: Customer Requirements	FactoryTalk View Site Edition	FactoryTalk View Machine Edition	RSView32
Animation - visibility, color, fill, horizontal and vertical position, width, height, rotation, horizontal and vertical slider, and more	And touch	No touch animation	And touch
Alarms	<ul style="list-style-type: none"> FactoryTalk alarms and events HMI alarms Digital and analog Defined alarm severities Alarm log 	<ul style="list-style-type: none"> Tag-based (from controller) Alarm log 	<ul style="list-style-type: none"> Tag-based Digital and analog Definable alarm severities Alarm log
Data logging	<ul style="list-style-type: none"> 20 data log models per project Each with up to 10,000 tags Log to ODBC or proprietary database 	<ul style="list-style-type: none"> 1 data log model per project With up to 100 tags 1,000 K records max Export to dbf 	<ul style="list-style-type: none"> 20 plus data log models per project Each with up to 10,000 tags Log to ODBC or proprietary database
Trend version	TrendX 4.0	TrendX 4.0 subset	TrendX 3.1 and native
Security	<ul style="list-style-type: none"> Security assigned to tags, graphic displays, macros, commands, OLE objects Local or Windows security 	<ul style="list-style-type: none"> Display-based Local or Windows security 	<ul style="list-style-type: none"> Security assigned to tags, graphic displays, macros, commands, OLE objects Local or Windows security
Other features	<ul style="list-style-type: none"> Test run macros Derived tags Event detector 	<ul style="list-style-type: none"> Test run macros Derived tags S/BTest RunMacrosDerived Tags 	<ul style="list-style-type: none"> Test run macros Derived tags Event detector
Price model	<ul style="list-style-type: none"> Display-based pricing Multiple levels 	<ul style="list-style-type: none"> Included with PanelView Plus 6 or display-based pricing Multiple levels for FactoryTalk View ME Station 	<ul style="list-style-type: none"> Tag-based pricing Multiple levels

Software Selection

FactoryTalk View Machine Edition (ME) Software

Cat. No.	Description
To choose your preferred language, replace the xx in the catalog number with EN for English, DE for German, FR for French, JP for Japanese, or ZH for Chinese.	
9701-VWSTMxxE	FactoryTalk View Studio for Machine Edition - Configuration software to develop and test machine level HMI applications. FactoryTalk View Machine Edition includes RSLinx Enterprise and KEPServer Enterprise software.

FactoryTalk View Machine Edition (ME) Station

Cat. No.	Description ⁽¹⁾ (2)
To choose your preferred language, replace the xx in the catalog number with EN for English, DE for German, FR for French, JP for Japanese, or ZH for Chinese.	
9701-VWMR015AxxE	FactoryTalk View ME Station runtime 15 displays
9701-VWMR030AxxE	FactoryTalk View ME Station runtime 30 displays
9701-VWMR075AxxE	FactoryTalk View ME Station runtime 75 displays
9701-VWMR250AxxE	FactoryTalk View ME Station runtime 250 displays RS-232 operating cable, 9-pin D Shell to 8-pin Mini DIN

(1) FactoryTalk View Machine Edition Station is the runtime environment where FactoryTalk View ME projects created with FactoryTalk View Studio software are run on any computer with a Windows operating system.

(2) FactoryTalk View ME Station Runtime is included with all PanelView Plus 6 or PanelView Plus 7 terminals.

FactoryTalk View Site Edition (SE) Software

Cat. No.	Description ⁽¹⁾
To choose your preferred language, replace the xx in the catalog number with EN for English, DE for German, FR for French, JP for Japanese, or ZH for Chinese.	
9701-VWSTxxE	FactoryTalk View Studio for FactoryTalk View Enterprise- configuration software to develop and test machine level and supervisory level HMI applications
9701-VWSCWAxxE	FactoryTalk View SE Client - software to view and interact with FactoryTalk View SE Servers ⁽²⁾
9701-VWSCRAxxE	FactoryTalk View SE View Client - provides read-only capabilities
9701-VWSB015AxxE	FactoryTalk View SE Station 15 display
9701-VWSB025AxxE	FactoryTalk View SE Station 25 display
9701-VWSB100AxxE	FactoryTalk View SE Station 100 display
9701-VWSB250AxxE	FactoryTalk View SE Station 250 display
9701-VWSB000AxxE	FactoryTalk View SE Station unlimited display
9701-VWSS025LxxE	FactoryTalk View SE Server 25 display with RSLinx Enterprise
9701-VWSS100LxxE	FactoryTalk View SE Server 100 display with RSLinx Enterprise
9701-VWSS250LxxE	FactoryTalk View SE Server 250 display with RSLinx Enterprise
9701-VWSS000LxxE	FactoryTalk View SE Server unlimited display with RSLinx Enterprise

(1) FactoryTalk View Station and FactoryTalk View SE Server include RSLinx Enterprise and RSLinx Classic software, version 3.70.

(2) FactoryTalk View SE Server stores HMI project components and serves to clients, for example, graphic displays.

FactoryTalk ViewPoint Software

Cat. No. ⁽¹⁾	Description ⁽²⁾
9522-VWP01RENE	FactoryTalk ViewPoint 1-client system
9522-VWP03RENE	FactoryTalk ViewPoint 3-client system
9522-VWP05RENE	FactoryTalk ViewPoint 5-client system
9522-VWP10RENE	FactoryTalk ViewPoint 10-client system
9522-VWP25RENE	FactoryTalk ViewPoint 25-client system
9522-VWP50RENE	FactoryTalk ViewPoint 50-client system

(1) Order any of these catalog numbers to use FactoryTalk ViewPoint software with FactoryTalk View SE network or local applications.

(2) FactoryTalk ViewPoint server and a single client access license is included with the purchase of a PanelView Plus 6 or PanelView Plus 7 terminal. No other catalog numbers are required to use FactoryTalk ViewPoint software with PanelView Plus 6 or PanelView Plus 7 terminals.

RSView32 Software

Cat. No.	Description ⁽¹⁾
9301-2SE3104	RSView32 Runtime 150 with RSLinx single node
9301-2SE3103	RSView32 Runtime 150 with RSLinx - Includes 9301-2SE3100 RSView32 Runtime 150 and 9355-WABENE RSLinx software
9301-2SE3100	RSView32 Runtime 150 - 150 tag database and standalone runtime
9301-2SE2104	RSView32 Works 150 with RSLinx single node
9301-2SE2103	RSView32 Works 150 with RSLinx - Includes 9301-2SE2100 RSView32 Works 150 and 9355-WABENE RSLinx software
9301-2SE2100	RSView32 Works 150 - 150 tag database including development and one embedded runtime
9301-2SE3204	RSView32 Runtime 300 with RSLinx Classic single node
9301-2SE3203	RSView32 Runtime 300 with RSLinx Classic - Includes 9301-2SE3203 RSView32 Runtime 300 and 9355-WABENE RSLinx Classic software
9301-2SE3200	RSView32 Runtime 300 - 300 tag database and standalone runtime
9301-2SE2204	RSView32 Works 300 with RSLinx Classic single node
9301-2SE2203	RSView32 Works 300 with RSLinx Classic - Includes 9301-2SE2200 RSView32 Works 300 and 9355-WABENE RSLinx Classic software
9301-2SE2200	RSView32 Works 300 - 300 tag database including development and one embedded runtime
9301-2SE3304	RSView32 Runtime 1500 with RSLinx Classic single node
9301-2SE3303	RSView32 Runtime 1500 with RSLinx Classic including 9301-2SE3300 RSView32 Runtime 1500 and 9355-WABENE RSLinx Classic software
9301-2SE3300	RSView32 Runtime 1500 - 1500 tag database and standalone runtime
9301-2SE2304	RSView32 Works 1500 with RSLinx Classic single node
9301-2SE2303	RSView32 Works 1500 with RSLinx Classic including 9301-2SE2300 RSView32 Works 1500 and 9355-WABENE RSLinx Classic software
9301-2SE2300	RSView32 Works 1500 - 1500 tag database including development and one embedded runtime
9301-2SE3353	RSView32 Runtime 5000 with RSLinx Classic including 9301-2SE3500 RSView32 Runtime 5000 and 9355-WABENE RSLinx Classic software
9301-2SE3350	RSView32 Runtime 5000 - 5000 tag database and standalone runtime
9301-2SE2353	RSView32 Works 5K with RSLinxRSView32 Works 5000 with RSLinx Classic - Includes 9301-2SE2350 RSView32 Works 5000 and 9355-WABENE RSLinx Classic software
9301-2SE2350	RSView32 Works 5000 - 5000 tag database including development and one embedded runtime
9301-2SE3403	RSView32 Runtime 32K with RSLinx Classic - Includes 9301-2SE3400 RSView32 Runtime 2K and 9355-WABENE RSLinx Classic software
9301-2SE3400	RSView32 Runtime 32K - 32,000 tag database and standalone runtime
9301-2SE2403	RSView32 Works 32K with RSLinx Classic - Includes 9301-2SE2400 RSView32 Works 32K and 9355-WABENE RSLinx Classic software
9301-2SE2400	RSView32 Works 32K - 32,000 tag database including development and one embedded runtime

RSView32 Software

Cat. No.	Description ⁽¹⁾
9301-2SE3503	RSView32 Runtime 100K with RSLinx Classic - Includes 9301-2SE3500 RSView32 Runtime 100K and 9355-WABENE RSLinx Classic software
9301-2SE3500	RSView32 Runtime 100K - 100,000 tag database and standalone runtime
9301-2SE2503	RSView32 Works 100K with RSLinx Classic - Includes 9301-2SE2500 RSView32 Works 100K and 9355-WABENE RSLinx Classic software
9301-2SE2500	RSView32 Works 100K - 100,000 tag database including development and one embedded runtime
9301-RSVWSENE	RSView32 WebServer software
9301-MSGRPROENE	RSView32 Messenger Pro software

(1) Monitors, controls, and acquires data.

RSView32 Active Display System

Cat. No.	Description ⁽¹⁾
9305-RSVADSENE	RSView32 Active Display Server - Includes one active display server (no clients)
9305-ADSGWENE	RSView32 Active Display Server with FactoryTalk Gateway - Includes one active display server (no clients) and 9355-WABGWENE RSLinx Gateway software
9305-RSVADFCENE	RSView32 Active Display Floating Client - Includes one client with server-side activation
9305-RSVADDCENE	RSView32 Active Display Dedicated Client - Includes one client with client-side activation
9305-RSVADFCENE	RSView32 Active Display Floating View Client - Includes one view-only client with server-side activation

(1) Client/Server Enhancement to RSView32 software

RSView32 Languages

Cat. No.	Description
To choose your preferred language, replace the xx in the catalog number with EN for English, DE for German, ES for Spanish, FR for French, IT for Italian, JP for Japanese, KO for Korean, PT for Portuguese, and ZH for Chinese.	
9301-2SE2100xxE	RSView32 Works 150
9301-2SE2103xxE	RSView32 Works 150 with RSLinx Classic Bundle
9301-2SE2200xxE	RSView32 Works 300
9301-2SE2203xxE	RSView32 Works 300 with RSLinx Classic Bundle
9301-2SE2300xxE	RSView32 Works 1500
9301-2SE2303xxE	RSView32 Works 1500 with RSLinx Classic Bundle
9301-2SE2350xxE	RSView32 Works 5K
9301-2SE2353xxE	RSView32 Works 5K with RSLinx Classic Bundle
9301-2SE2400xxE	RSView32 Works 32K
9301-2SE2403xxE	RSView32 Works 32K with RSLinx Classic Bundle
9301-2SE2500xxE	RSView32 Works 100K
9301-2SE2503xxE	RSView32 Works 100K with RSLinx Classic Bundle
9301-2SE3100xxE	RSView32 Runtime 150
9301-2SE3103xxE	RSView32 Runtime 150 with RSLinx Classic Bundle
9301-2SE3200xxE	RSView32 Runtime 300
9301-2SE3203xxE	RSView32 Runtime 300 with RSLinx Classic Bundle
9301-2SE3300xxE	RSView32 Runtime 1500
9301-2SE3303xxE	RSView32 Runtime 1500 with RSLinx Classic Bundle
9301-2SE3350xxE	RSView32 Runtime 5K

RSView32 Languages

Cat. No.	Description
9301-2SE3353xxE	RSView32 Runtime 5K with RSLinx Classic Bundle
9301-2SE3400xxE	RSView32 Runtime 32K
9301-2SE3403xxE	RSView32 Runtime 32K with RSLinx Classic Bundle
9301-2SE3500xxE	RSView32 Runtime 100K
9301-2SE3503xxE	RSView32 Runtime 100K with RSLinx Classic Bundle
To choose your preferred language, replace the xx in the catalog number with EN for English, DE for German, ES for Spanish, FR for French, IT for Italian, and PT for Portuguese.	
9305-RSVADSxxE	RSView32 Active Display Server
9305-RSVADFCxxE	RSView32 Active Display Floating Client
9305-RSVADDCxxE	RSView32 Active Display Dedicated Client
9305-RSVADFVCxxE	RSView32 Active Display Floating View Client

Third-party Connectivity

Cat. No.	Description
9301-OPCSRVE	KEPServer Enterprise for RSView32, FactoryTalk View Site Edition, and FactoryTalk View Machine Edition

Notes:

Rockwell Automation maintains current product environmental information on its website at
<http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page>.

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