

Technical Specifications

PanelView Plus 7 Performance Terminals

Technical Specifications - PanelView Plus 7 Performance 7-in and 9-in Terminals

Attribute	6.5-in. Touch		6.5-in. Touch with Keypad		9-in. Touch	
	2711P--T7C22D9P, 2711P--T7C22D9P-B, 2711P-T7C22D9PK	2711P-T7C22A9P, 2711P-T7C22A9P-B	2711P-B7C22D9P, 2711P-B7C22D9P-B	2711P-B7C22A9P, 2711P-B7C22A9P-B	2711P-T9W22D9P, 2711P-T9W22D9P-B, 2711P-T9W22D9PK	2711P-T9W22A9P, 2711P-T9W22A9P-B
Operator input	Touch		Touch with keypad		Touch	
Display type	TFT Color					
Display size, diagonal	6.5-in.				9-in. widescreen	
Viewing area (W x H)	132 x 99 mm (5.2 x 3.9 in.)				196 x 118 mm (7.7 x 4.6 in.)	
Display resolution	(Series A) 640 x 480 VGA, 18-bit color graphics				(Series A) 800 x 480 WVGA, 18-bit color graphics	
	(Series B) 640 x 480 VGA, 24-bit color graphics				(Series B) 800 x 480 WVGA, 24-bit color graphics	
Aspect ratio	4:3				5:3	
Brightness, typical	300 cd/m ² (nits) or more					
Backlight life	White light-emitting diode, solid-state Life: 50,000 h min at 40 °C (104 °F) to half-brightness, backlight is not replaceable					
Touch screen	Analog resistive Actuation rating: 1 million presses Operating force: 100 grams					
Battery (real-time clock backup)	Accuracy: ±2 minutes per month. Battery life: 4 years min at 25 °C (77 °F) Replacement: CR2032 lithium coin cell					
Memory: • System • User	(Series A) 512 MB RAM and 512 MB storage 80 MB, approx, nonvolatile storage for applications					
	(Series B) 4 GB RAM and 19.87 GB storage 2 GB, approx, nonvolatile storage for applications					
Secure Digital (SD) card slots	One SD card slot for external storage; supports cat. no. 1784-SDx and 1784-SDHCx cards					
USB ports: • Host • Device	(Series A) Two USB high-speed 2.0 host ports (type A) support removable flash drives for external storage One high-speed 2.0 device port (type B) that will be functional in a future release					
	(Series B) One USB high-speed 3.0 host port (only supports up to 500 mA current output) and one USB 2.0 host port (Type A) supports removable flash drives for external storage One high-speed 2.0 device port (type B) that will be functional in a future release					
Operating system	(Series A) Windows® CE 6.0 with Extended Features and Microsoft Office Viewers (includes FTP, VNC client server, ActiveX controls, PDF reader, third-party device support) (Series B) Windows 10 IoT Core					
Ethernet ports	Two 10/100Base-T, Auto MDI/MDIX Ethernet ports that support Device Level Ring (DLR), linear, or star network topologies					
Software	FactoryTalk View Studio for Machine Edition, FactoryTalk ViewPoint, version 2.6 or later					
Input voltage	24V DC nom (18...30V DC)	100...240V AC	24V DC nom (18...30V DC)	100...240V AC	24V DC nom (18...30V DC)	100...240V AC
Power consumption	(Series A) 50 W max (2.1 A at 24V DC)	105VA	(Series A) 50 W max (2.1 A at 24V DC)	105VA	(Series A) 50 W max (2.1 A at 24V DC)	105VA
	(Series B) 29 W max		(Series B) 29 W max		(Series B) 30 W max	
Power supply	Supports (SELV) and (PELV) 24V DC supplies ⁽¹⁾	—	Supports (SELV) and (PELV) 24V DC supplies ⁽¹⁾	—	Supports (SELV) and (PELV) 24V DC supplies ⁽¹⁾	—
Weight, approx	1.2 kg (2.65 lb)		1.47 kg (3.25 lb)		1.58 kg (3.48 lb)	
Dimensions, approx (H x W x D)	170 x 212 x 69.6 mm (6.69 x 8.35 x 2.74 in.)		179 x 285 x 69.6 mm (7.05 x 11.22 x 2.74 in.)		190 x 280 x 69.6 mm (7.48 x 11.02 x 2.74 in.)	
Cutout dimensions, approx (H x W)	142 x 184 mm (5.59 x 7.24 in.)		142 x 237 mm (5.59 x 9.33 in.)		162 x 252 mm (6.38 x 9.92 in.)	

(1) DC-powered terminals support safety extra low voltage (SELV) and protective extra low voltage (PELV) 24V DC power supplies such as cat. nos. 1606-XLP95E, 1606-XLP100E, 2711P-RSACDIN.