Technical Specifications

The tables in this section provide technical specifications for the PanelView Plus 7 Performance terminals.

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

Attribute	6.5-in. Touch 2711P--T7C22D9P, 2711P--T7C22D9P-B [1] 2711P-T7C22A9P, 2711P-T7C22A9P-B 2711P-T7C22D9PK[2]		6.5-in. Touch with Keypad 2711P-B7C22D9P, 2711P-B7C22D9P-B [1] 2711P-B7C22A9P, 2711P-B7C22A9P-B		9-in. Touch 2711P-T9W22D9P, 2711P-T9W22D9P-B [1] 2711P-T9W22A9P, 2711P-T9W22A9P-B 2711P-T9W22D9PK[2]	
Operator input	Touch		Touch with keypad		Touch	
Conformal-coated	Yes		—		Yes	
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	640 x 480 VGA, 18-bit color graphics				800 x 480 WVGA, 18-bit color graphics	
Aspect ratio	4:3				5:3	
Brightness, typical	300 cd/m^2 (Nits)					
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	• 512 MB RAM and 512 MB storage • 80 MB, approx, nonvolatile storage for applications					
Secure Digital (SD) card slot	One SD card slot for external storage; supports cat. no. 1784-SD*x* cards					
USB ports: • Host • Device	• 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					
Operating system	Windows CE with Extended Features and MS Office Viewers (includes FTP, VNC client server, ActiveX controls, PDF reader, third-party device support)					
Ethernet ports	Two 10/100Base-T, Auto MDI/MDI-X 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					
Electrical						
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	50 W max (2.1 A at 24V DC)	105VA	50 W max (2.1 A at 24V DC)	105VA	50 W max (2.1 A at 24V DC)	105VA
Power supply	Supports (SELV) and (PELV) 24V DC supplies[3]	—	Supports (SELV) and (PELV) 24V DC supplies[3]	—	Supports (SELV) and (PELV) 24V DC supplies[3]	—
Mechanical						
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) Catalog numbers with a -B extension denote terminals that exclude the Allen-Bradley brand marking. Customers can put their own brand labels on these terminals.
(2) Catalog numbers that end with a K denote terminals that are conformal coated.
(3) 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.