



Model		PT080
Ordering Information		PT080-TST4B-F1R1
CPU		RISC 32bits, 200MHz
Battery Backup Memory		128KB
Flash Memory(Nor Flash)		8MB
SDRAM		64MB
Nand Flash		128MB
Operating System		HMI RTOS, PM Designer 1.2/2.0,2D engine supported
Display	Type	SVGA TFT LCD
	Size	8" (4:3 Aspect Ratio)
	Max. Resolution	800 x 600
	Max. Colors	65,536 colors
	Luminance (cd/m2)	250
	Contrast	500:1
	Viewing Angle (H/V°)	140/130
	Backlight Life (hour)	LED, 50000
	Dimming	Yes
Touchscreen		4 wires Analog resistive
Power-On LED		Yes
Communication LED		No
Front USB Access		No
Communication Interface	COM1	RS-232/422/485 (DB9 Female)
	COM2	RS-232/485 (5-Pins Plug Connector)
	COM3	RS232 in COM1 pin 7,8
	Ethernet (RJ45)	10/100-BaseT
I/Os	USB Client	Yes
	USB Host	Yes, Host x1
	Micro-SD Slot	Yes
Power Supply Voltage		24VDC ±10%
Power Consumption		25W = 1.04Amp @24vDC
Dimension W x H x D (mm)		231.5 x 174.6 x 45mm (9.11" x 6.87" x 1.77")
Cut-out Dimension W x H (mm)		220.5 x 163.5mm (8.68" x 6.44")
Front Panel thickness (mm)		6 mm
Net Weight		0.93 kg

Operating Temperature	0 ~ 50°C (32 ~ 122° F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140° F)
Humidity	10 ~ 95% RH @ 40° C, non-condensing
Ingress Protection	Front panel: NEMA4, IP65
Certification Approval	CE / FCC