

Product Specifications

15" - 19"



System Preferences	CPU	Intel® Atom™ J1900 4-Core 2.42GHz CPU (standard) Intel® Atom™ E3845 4-Core 1.91GHz CPU (optional) wide temp Intel® 3rd Gen. Core i7/i5/i3/Celeron CPU (optional)
	System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB (up to 16GB with iCore CPU)
	Watchdog Timer Touch screen	Generates system reset; 256 segments, 0, 1, 2...255 sec/min Full flat. Analog, resistive, 5 wire, anti scratch. 4H (standard) Full flat PCT touch screen IP69K (optional)
I/O Connectors	<i>Internal I/O</i>	
	HDD	1 x 2.5" SATA II HDD drive bay
	PCIe	2 x Mini PCI Express slots
	Ethernet	1 x Ethernet LAN2
	Audio chip	Realtek ALC262 Audio Codec, 2+2 watts power amplifier
	<i>External I/O</i>	
	USB	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4
Serial	1 x M12 8pin for COM 1/RS-232 / 422 / 485 (Set by BIOS, RS485 auto flow)	
Ethernet	1 x M12 8pin for COM 2/RS-232	
Antenna	1 x M12 8pin for LAN 1	
Power	Optional WIFI,BT antenna	
		1 x M12 5pin DC power connector, DC 7V~32V
Wireless Communication	WLAN	802.11 a/b/g/n (optional)
	Bluetooth	Optional
Power	System Power	+7 ~ 32 VDC
	AC Adaptor	IP67 protected
	Input Output	90V ~ 264V (47 ~ 63Hz) +12 VDC/4.74A (60W)
Environment	Operation Temperature	J1900 CPU 0°C to +40°C E3845 CPU -20°C to +50°C
	Storage Temperature	Storage: -20 ~ 60°C
	Operation Humidity IP Proof	10% ~ 90% Relative Humidity, Non-condensing IP66 - Full system IP69K (optional)
	Chassi	Stainless steel chassi, SUS304
Mounting	VESA	100 mm x 100 mm Side mount M6*2
	Regulatory	
FCC	Yes	
CE(EMC)	Yes	
VCCI classB	Yes	



M12 Connectors



Table Mount



Wall Mount

IPST 15WTB					
Display Specification	Size	15", 4:3	Dimensions	Height	309.5 mm
	Resolution	XGA (1024 x 768)		Width	395 mm
	Brightness	400 NIT cd/m2 / 1000 NIT (optional)		Depth	58 mm
	Contrast Ratio	600:1		Weight	7.6 kg
	Viewing Angle	160 (H), 160 (V)			
	Response Time	8 ms			
	Backlight	LED, 50,000 hours life time			

IPST 19WTB					
Display Specification	Size	19", 5:4	Dimensions	Height	386 mm
	Resolution	SXGA (1280 x 1024)		Width	458 mm
	Brightness	350 NIT cd/m2 / 1000 NIT (optional)		Depth	64 mm
	Contrast Ratio	1000:1		Weight	11 kg
	Viewing Angle	170 (H), 160 (V)			
	Response Time	5 ms			
	Backlight	LED, 50,000 hours life time			