



Features

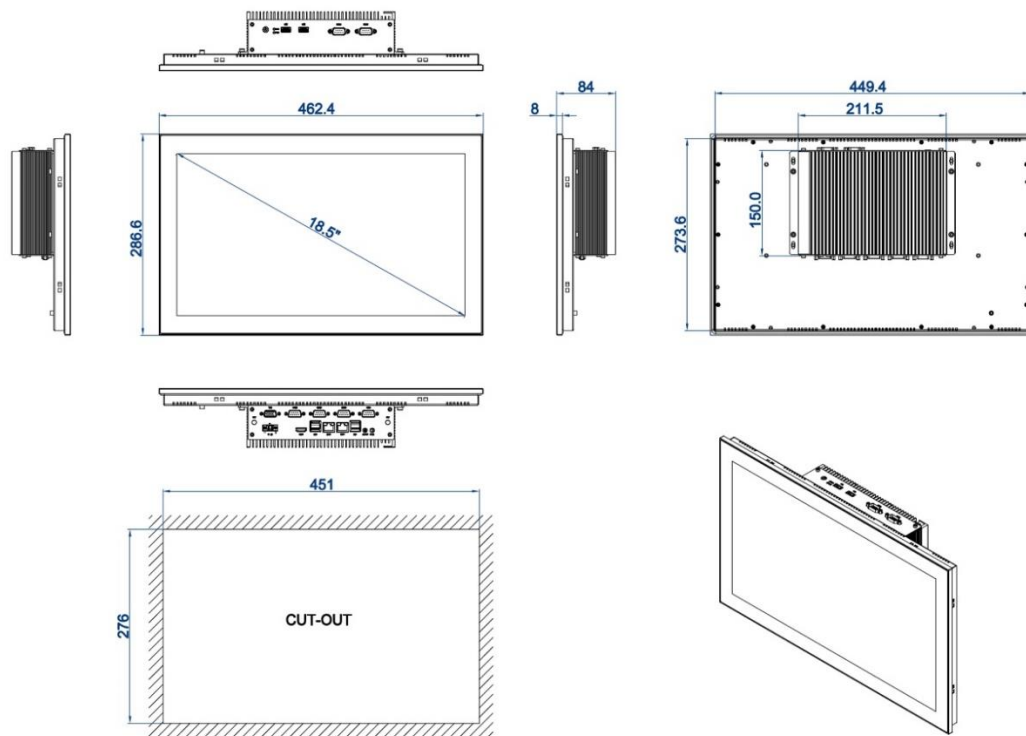
- 18.5" TFT LCD display, LED Backlit, Full HD 1920 *1080;
- Intel Baytrail J1900 2.0Ghz Quad-core processor;
- Multi-point projected capacitive touch, or 5-wire resistive touch;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- Wide voltage DC 9~24V power input;
- 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.



Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Baytrail J1900, Quad-core 2.0Ghz, burst to 2.42Ghz
	Memory	SO-DIMM, DDR3L-1333, Max. up to 8GB (Compatible with DDR3)
	Storage	1*mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD Graphics Gen7
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
	Audio	On-board Realtek ACL 282 audio controller
	Expansion	1* Full size Mini-PCle slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	COM	6x RS232 (Optional support 1x RS485)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1x USB3.0, 4x USB2.0
	Display	1x HDMI, 1x VGA
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	18.5" TFT LCD
	Resolution	1920 * 1080 (Full HD)
	Brightness	350 nits
	Backlit & MTBF	LED backlit & 50 000hours
	Display area	409.8 * 230.4
	View angle	85/85/85/85
Touchscreen	Type	Projective capacitive touchscreen / Wide temp. 5-wires Resistive touchscreen. EETI controller
	Touch points	Multi points touch, max. up to 10 points (Pcap) / Single touch (Resistive)
	Durability	>100 000 000 times (PCap) / 35 million clicks@ 250g (Resistive)
	Surface hardness	Glass, Mohs 6H hardness (PCap) / PET film laminated, flat design (Resistive)
	Special treatment	Anti-fingerprint (PCap)
Structure	Structure and surface	Magnesium-Aluminum alloy. sand blasting. anodized treatment
	Mount method	Panel mount (Optional support VESA 75/100)
	Cooling system	Large area finned heat sink
	Overall dimension	462.4 * 296.6 * 84.0 (mm)
	Cut-out dimension	451 * 276 (mm)
	Net weight	6.0 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	-20 ~ +60°C
	Storage temp.	-30 ~ +70°C
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 9~24V
	Power consumption	Around 35W
	EMC	CE/FCC Class A

Dimensions (mm)



Ordering info.

Part no.	Description
PPC-185H-C1-CT	18.5" LCD, 1920 * 1080, Intel Baytrail J1900, Pcap. touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
PPC-185H-C1-RT	18.5" LCD, 1920 * 1080, Intel Baytrail J1900, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
-2G/-4G / -8G	Memory: SO-DIMM, DDR3L, <u>2GB/4GB/8GB</u> Memory
-32GS/-64GS/-128GS / -256GS / -512GS	mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u>
	2.5" SATA SSD: <u>256GB/512GB</u>
	2.5" HDD: <u>1TB/2TB/4TB</u>
TBOX-WiFi	Wi-Fi module, with Antenna
TBOX-WiBlu	Wi-Fi with BT integrated module, with Antenna
EC25-AU-PCKit	All network 4G/LTE module, With Antenna (MiniPCle)
TBOX-9-36V	Wide voltage power input DC 9 ~ 36V, includes mains adaptor
TA-VESAB1	Additional VESA bracket for VESA mounting

Packing List

- 1x Standard Product
- 1x 60W PSU (Power Supply)
- 1x Power cable & Plug
- 8x Panel mount metal clips

