



## Features

- 19.0" TFT LCD display, LED Backlit, SXGA 1280 \* 1024;
- 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;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 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.

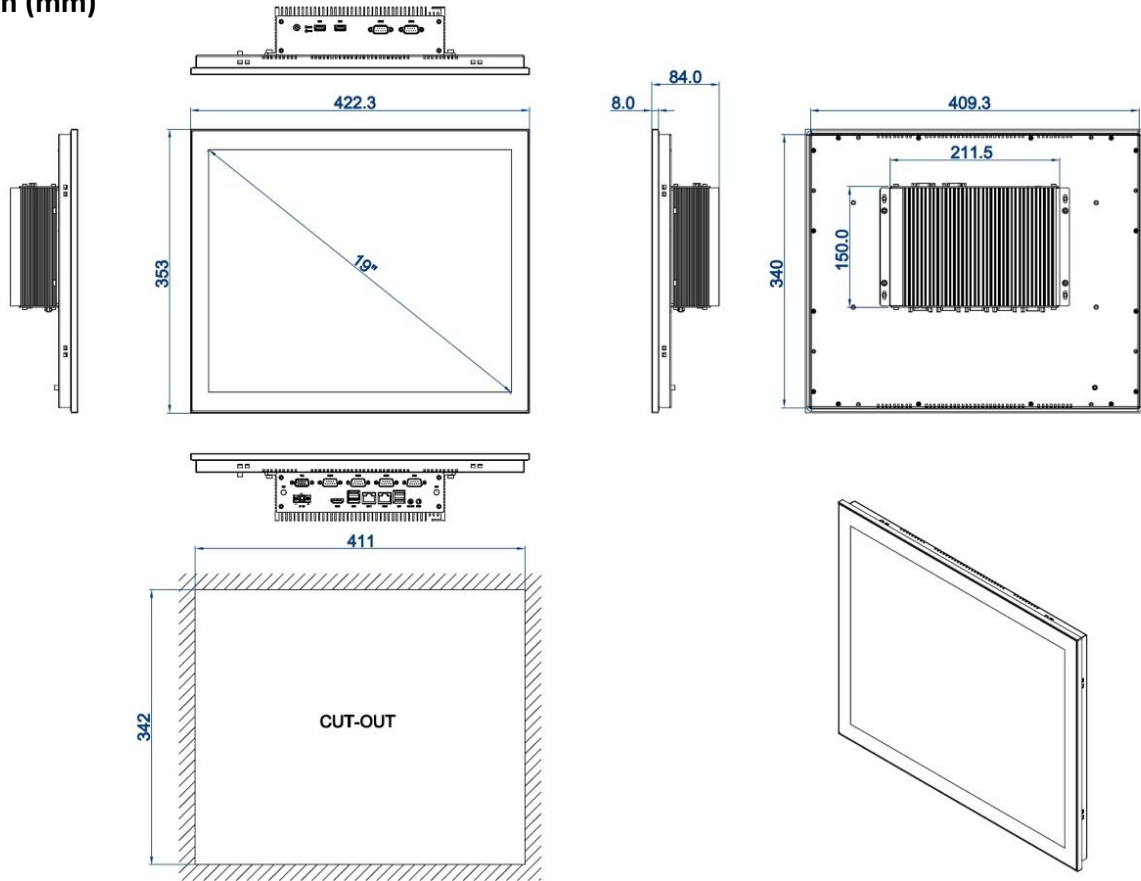


## Specification

<b>Hardware &amp; System</b>	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-PCIe slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
<b>IO interface</b>	COM	6x RS232 (Optional support 1x RS485)
	Ethernet	2x 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
	<b>LCD Display</b>	Size/Type
Resolution		1280 * 1024 (SXGA)
Brightness		250 nits
Backlit & MTBF		LED backlit & 30 000hours
Display area		376.32 * 310.06
View angle		89/89/89/89
<b>Touchscreen</b>	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 milion clicks@ 250g (Resistive)
	Surface hardness	Glass, Mohs 6H hardness (PCap) / PET film laminated, flat design (Resistive)
	Special treatment	Anti-fingerprint (PCap)
<b>Structure</b>	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	422.3 * 353 * 84.0 (mm)
	Cut-out dimension	411 * 342 (mm)
	Net weight	7.0 KG
	IP protection	Front Panel IP65
	<b>Power &amp; Environmental</b>	Operating temp.
Storage temp.		-20 ~ +60°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

**Dimension (mm)**



**Ordering info.**

Part no.	Description
PPC-190-C1-CT	19.0" LCD, 1280 * 1024, Intel Baytrail J1900, Pcap. touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
PPC-190-C1-RT	19.0" LCD, 1280 * 1024, 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, DDR3, <u>2GB/4GB/8GB</u> Memory
-64GS / -128GS / -256GS / -512GS	mSATA SSD: <u>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
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