PPC-HU12A

Main features

◆ Integrated Intel 5th Mobile Broadwell-U single chipset CPU；

◆12inch TFT LED display and 4 wires resistive Touch panel

◆ Front panel protection Rating: IP65

◆ Support SATA and M-sata storage

◆ Support wireless 3G/WIFI Internet access

◆ 2*RS422/485 is DB9 interface 4 three-wire RS-232 (Phoenix terminal interface),

◆ DC12V5A power supply (optional 9-36V wide voltage supply)

◆ Sealed and fanless design

Overview

The PPC-HU12A is a cost-effective 12-inch ultra-thin LCD industrial tablet PC with Broadwell-U processor and a compact fanless embedded system for high performance computing. With High durability design, front panel protection grade IP65, strong aluminum alloy casing, 4-wire resistive touch screen, support 6 serial ports, 2 USB ports and 2 Gigabit Ethernet ports to meet various industrial applications.

Specifications

Processor	CPU	Intel® Core™5th Broadwell-U Soc i3/i5/i7 processor
	Memory	Integrated 2GB\4GB DDR3 1066/1333/1600MHz,1 slot can be added, up to be 12GB
	storage	Onboard SSD16/32/64/128G（optional），SATA and MSATA，HDD and SSD（optional）
	Internet (LAN)	2*Intel I211AT Gigabit Lan Port
	I/O Port	2*RS422/485/232 is DB9 Interface 4 three-wire RS-232 (Phoenix terminal interface), 2*USB2.0,2*USB3.0， 1*14BIT GPIO Port， 1*LINE OUT 1*MIC， 2*Wifi antenna Port， 1*power switch button， 1*HDMI Max resolution support 3200*2000@60HZ
	Expansion bus	1*full size Mini-PCIE socket
	Watch -dog timer	0-255 second, Sample code optional
Physical characteristics	**size**	316.6*253.6*62.5mm
	weight	2.75Kg
OS Support	**Operate System**	Support Windows 7/Windows8/Windows8.1/Windows10/Linux
Power type support	input Voltage	DC12V5A power supply (optional 9-36V wide voltage supply)
	consumption	35W
LCD display	**Display type**	12inch TFT LED
	Max resolution	1024*768
	View	80 (left), 80 (right), 70 (UP), 70 (Down)
	Lumens (cd/m²))	350cd/m²
	Contrast	400:1
	Backlight Life	30,000 hrs (Min.)
TOUCH PANEL	TYPE	4 Wires Resistive touch panel
	Light Transmittance	≥85%
	Controller Interface	USB Port
	Durability(Touch Times)	>3500 million times
ENVIRONMENT	Working Temperature	-20℃ ~ +60℃
	Storage Temperature	-40℃ ~ +85℃
	Relative humidity	0% ~ 90%Relative humidity, none condensation
	EMC	CE, FCC Class B, BSMI
	CERTIFICATE	CB, CCC, BSMI, UL
	Front panel protection	Front panel IP65

size

单位：mm
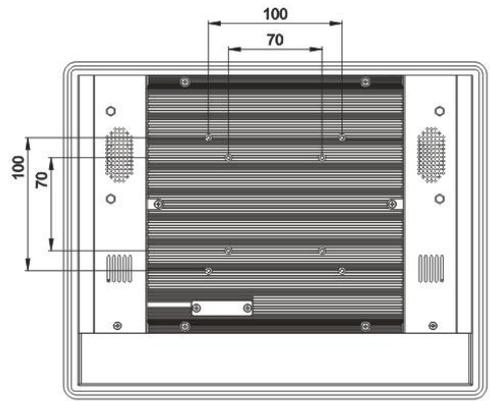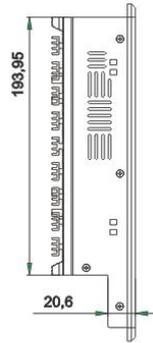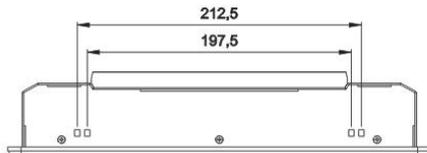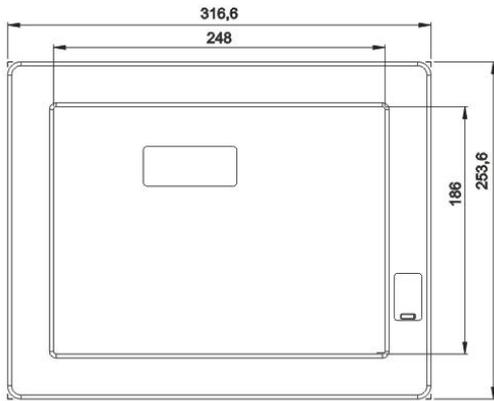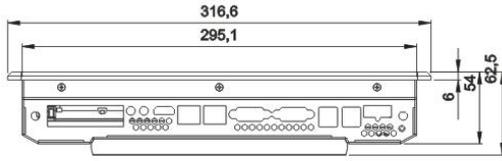
Order information		Panel I/O
Model	description	
PPC-12A	With TPC90D Motherboard （I3-5010U/I5-5200U/I7-5500U）	

DC USB3.0 USB2.0 COM2 COM1 LAN2 LAN1 HDMI AUDIO MIC COM3-6 GPIO