

PPC-6120

12" Panel PC with 4th Generation Intel® Core™ i / Celeron® Processor

NEW



Features

- 12.1" TFT XGA LED Panel with resistive touchscreen
- Supports 4th Generation Intel® Core™ i / Celeron® Processor (Thermal Design Power: 35W/45W)
- System memory supports dual channel DDR3/DDR3L up to 16 GB
- Supports 2 x Mini PCIe sockets, one is included mSATA function.
- Optional one PCI/PCIe x1 expansion kit
- Supports one isolated RS422/ RS485,
- 8 x TTL level programmable DIO, 1 x VGA and 1 x Display port
- Dual GbE, supports Intel AMT8.0
- LED backlight Auto dimming

Introduction

The PPC-6120 is an 4th Generation Intel® Core™ i / Celeron® based Panel PC with a 12" color TFT LCD. It features extremely high computing power, various connectors, and can be installed in virtually any application. In addition, its user-friendly interface makes it a great host for information appliances. Three RS-232, one isolated RS422/485 and Dual Gb Ethernet connectors support Intel AMT, one expansion slot make PPC-6120 highly reliable, and provides a great solution for versatile applications.

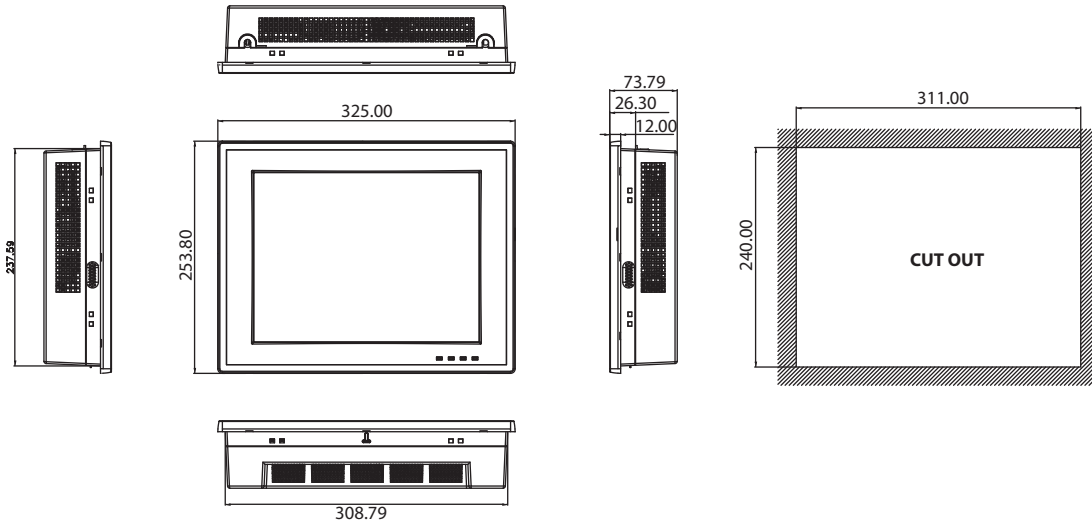
Specifications

Processor System	CPU	4th Generation Intel® Core™ i / Celeron® Processor (Thermal Design Power: 35W/45W)
	Chipset	Intel Q87
	Memory	Support dual channel DDR3/DDR3L up to 16 GB
	Storage	2.5" SATA HDD bay x1 mSATA x1
	Bus Expansion	1 * MiniPCIe (Standard) 1 x PCIe by 1 / 1 x PCI through riser (Optional)
	Network (LAN)	2 x GbE, supports Intel AMT8.0
	I/O	4 x USB3.0 (Ext.), 2 x USB2.0 (Int. pin head) 3 x RS-232 Serial port, 1 x isolated RS422/485 1 x DB9 GPIO port (8 x TTL level programmable DIO) 1 x DB15 VGA out 1 x Mic in, 1 x Line out
	Speaker	2 x 1W speakers
	Watchdog Timer	255 timer levels; setup by software
	Dimensions (W x H x D)	325 x 253.8 x 73.8
Weight	3.4KG	
OS Support	OS Support	Win XPE, Win XP Pro, WES7 32 bit
Power Supply	Input Voltage	DC 12 ~ 30 V
LCD Display	Display Type	12.1" TFT LCD (LED Backlight)
	Max. Resolution	1024 x 768
	Colors	262K
	Dot Size (mm)	0.24 x 0.24
	Viewing Angle	80 (left), 80 (right), 80 (up), 80 (down)
	Luminance (cd/m ²)	600
	Brightness Control	Yes
Touchscreen	Touch Type	Analog Resistive 5-wire
	Resolution	2048 x 2048
	Light Transmission	81+/-3%
	Controller	RS-232 interface
	Software Driver Support	Windows 7, XP, CE
	Durability (Touches)	36 million

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16	M2M I/O Modules
17	RS-485 I/O Modules
18	Ethernet I/O Modules

Dimensions

Unit: mm



Specifications

Environment	Operating Temperature	0 ~ 50°C (32 ~ 122°F)
	Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
	Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
	Shock	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms, follow IEC 60068-2-64
	EMC	BSMI, CE, FCC Class B
	Safety	CB, CCC, BSMI, UL
	Front Panel Protection	IP65 compliant

Ordering Information

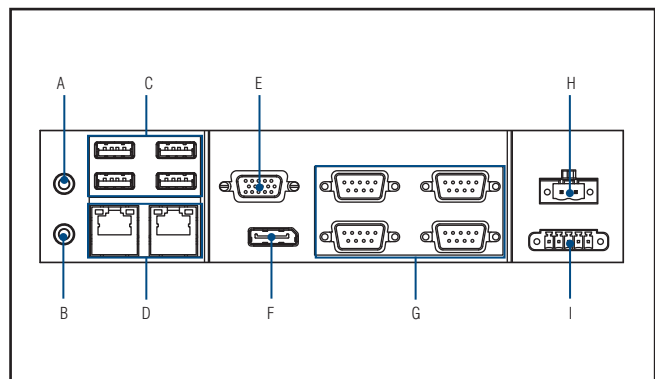
Part No.	Description
PPC-6120-RAE	12.1" 4th Generation Intel® Core™ i / Celeron Panel PC with Resi. T/S
1700001524	Power cord 3P UL 10A 125V 1.8m
170203183C	Power cord 3P Europe (WS-010+083)183cm
1700008921	Power cord 3P/3P Power supply 1.8M PSE
* PPC-174T-WL-MTE	Wall mount kit for PPC series
* PPC-ARM-A03	PPC ARM VESA Standard
* PPC-3100-STANDE	Desktop Stand for PPC-3100 series
PPC-3100-VESAE	PPC-3100 VESA bracket module
PPC-3100-WLANE	PCIe Half Mini Card WLAN module for PPC-3100 series
PPC-6120-EXPE	Add-on box for PCI or PCIe expansion (include PCI / PCIe riser card)

* if you order Wall mount kit / ARM / Desktop stand, please also order PPC-3100-VESAE at the same time.

CPU Suggested List

- 4th Gen Intel Core i/Pentium®/Celeron® (35W/45W)
- 45W: CORE I7-4770TE 2.3GHz
- 35W: CORE I5-4570TE 2.7GHz
CORE I3-4330TE 2.4GHz
PENTIUM G3320TE 2.3GHz

I/O



- A. MIC in
- B. Line Out
- C. USB 3.0 x 4
- D. 10/100/1000 Mbps Ethernet x 2
- E. VGA Port
- F. Display Port
- G. COM RS-232 x 4
- H. DC Inlet
- I. COM RS-422/485