PPC-8170

17" Panel PC with Intel® Core™ i3 / i5 Processor

NEW



Features

- 17" TFT LED Panel,resolution up to 1280 x 1024
- Built-in Intel® Core™ i3, i5 desktop processor (LGA) with Intel H61 chipset
- Two 204 PIN DDR3 SO-DIMM,DDR3 1066/1333/1600MHz SDRAM, up to 8 GB/4 GB per SO-DIMM
- Support one expansion PCIe x 4 slot installed. (Replaceable with PCI riser accessory
- Supports 6 USB, 6 COMs, 1 x GPIO, 8 bits (Internal pin header)
- Support 1 x 2.5" SATA bay
- Support AC 100~240V input
- Supports iManager, SUSIAccess and Embedded Software APIs

Introduction

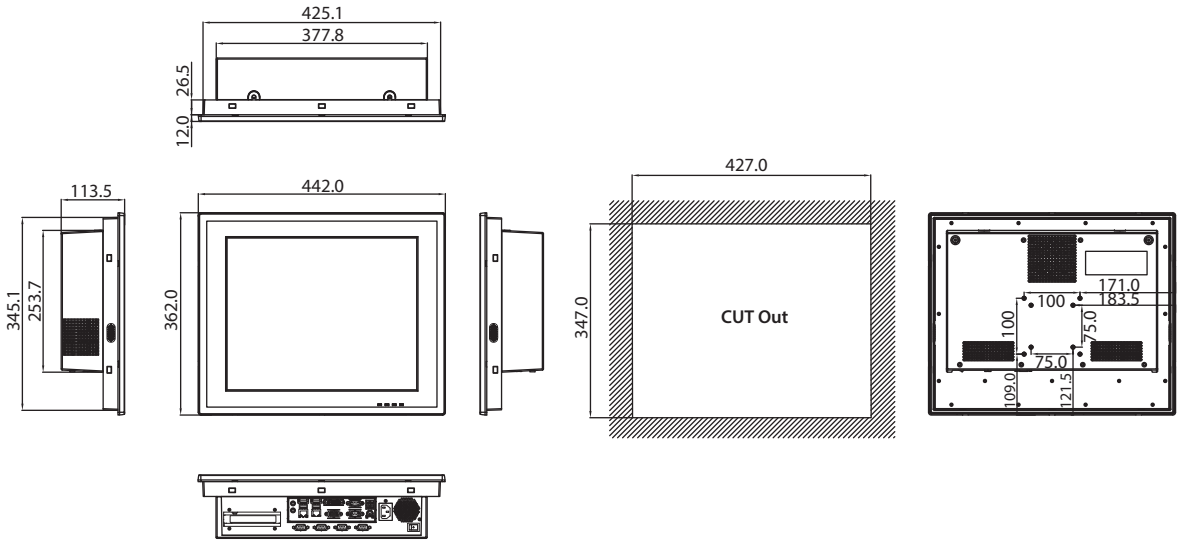
PPC-8170 is a Panel PC with an Intel Core i3/i5 desktop processor, and a 17" color TFT LCD panel. It features extremely high computing power and performance, excellent connectivity, and good expansion ability. In addition, its rich variety of IO support makes it easy to operate for information applications, and provide a great solution for a wide-range of industrial applications.

Specifications

Processor System	CPU	Core i3-3220	Core i5-3550S
	Frequency	3.3GHz	3.7 GHz
	L3 Cache	3 MB	6 MB
	Chipset	H61	
	Memory	2 x 204 PIN DDR3 SO-DIMM,DDR3 1066/1333/1600MHz SDRAM, up to 8 GB/4 GB per SO-DIMM	
	Storage	1 x 2.5" SATA bay	
	Network (LAN)	2 x Gigabit Gigabit Ethernet connectors (RTL8111E)	
	I/O ports	▪ 6 COMs, 1 x RS-232/422/485, 5 x RS-232 ▪ 6 x USB2.0 ▪ 1 x VGA, 1 x DVI ▪ 1 x GPIO, 8 bits (Internal pin header) ▪ 2 x Ethernet ▪ 1 x Mic-in, 1 x Line-out ▪ 1 x PS/2 ▪ 2 x 1.5W speaker	
	Expansion slot	▪ One PCIe x 4 (pre-installed) ▪ One PCI (in the accessory box)	
	Additional Expansion	1 x Mini PCIe	
	Fan	1 x 12V 80 x 80 x 15 mm	
Physical Characteristics	Dimensions	442.0 x 362.0 x 113.5 (mm) (17.4" x 14.25" x 4.47")	
	Weight	9.2 KG	
Supported Operating Systems	OS's	Win XP Pro / Windows 7 32 & 64 bit	
Power Supply	Output Rating	180 W	
	Input Voltage	100 - 240 V_{AC}	
	Power consumption	With Core i3-3220 is 81W With Core i5-3550s is 96W (Burn-in test 7.0 in Windows 7 32-bit)	
LCD Display	Display Type	17" TFT LED Panel	
	Max. Resolution	1280 x 1024	
	Colors	16.7 M	
	Dot Size (mm)	0.264 (H) x 0.264 (W)	
	Viewing Angle	80 (left), 80 (right), 60 (up), 80 (down)	
	Luminance	350	
	Contrast Ratio	800	
	Backlight Lifetime	50,000 hrs	

Dimensions

Unit: mm

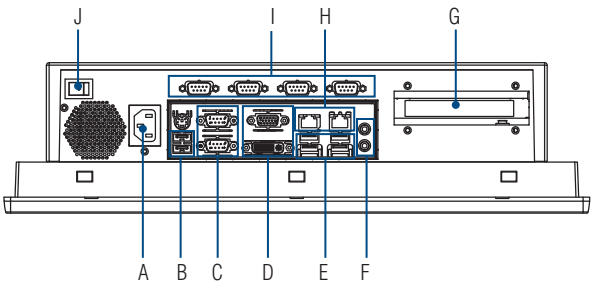


Touchscreen	Touch Type	Analog Resistive 5-wire
	Resolution	2048 x 2048
	Light Transmission	81% +/- 3%
	Controller	USB Interface
	Software Driver Support	Windows 7, XP
	Durability (Touches)	36 Million
Environment	Operating Temperature	0 ~ 50°C (32 ~ 122°F)
	Storage Temperature	- 20 ~ 60°C (-4 ~ 140°F)
	Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
	Shock	Operating 10 G peak acceleration (11 ms duration), follows IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms, follows IEC 60068-2-64
	EMC	CE, FCC Class A, BSMI
	Safety	CB, UL, CCC, BSMI
	Front Panel Protection	IP65 Compliant

Ordering Information

Part No	Description
PPC-8170-RI3AE	17" SVGA Panel PC w/Intel Corei3-3220, 5-Wire Touch, 6 COM, 6 USB, 2 LAN, 1 x PCIe or 1 x PCI expansion
PPC-8170-RI5AE	17" SVGA Panel PC w/Intel Core i5-3550S, 5-Wire Touch, 6 COM, 6 USB, 2 LAN, 1 x PCIe or 1 x PCI expansion
PPC-WLAN-A2E	Wi-Fi Module with Antenna Cable 40cm for PPC
PPC-174T-WL-MTE	Wall mount kits for PPC series
PPC-ARM-A03	PPC ARM VESA stand
PPC-174 Stand	Stand kit for PPC-174
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D

I/O Placement



A. AC Power Input
B.USB ports
C. COM Ports
D. VGA and DVI Ports
E. USB Ports
F. Audio Line-out/MIC
G. Riser Card Expansion
H. LAN Ports
I. COM Ports
J. Power Switch