

IPC-12i7

12.1" XGA TFT LCD LED Backlight Intel Core i7/i5/i3
Industrial Panel PC with Touch Screen



Features

- 12.1" TFT XGA LED Panel (1024 x 768) with resistive touch screen
- Supports Intel Core i7/i5/i3 processor
- System supports 1 x DDR3 DIMM slot ,up to 8G 1066/1333MHz SDRAM
- 6x COM (1x RS485), 1xDVI, 1x PS/2, 1xVGA, 6x2.0 USB, 2xLAN, 1x AUDIO & MIC
- Offers 1 xMini PCIe slot, for expansion
- Rear panel with power LED and HDD LED Indication, Built-in 2x 3 Watts stereo speaker
- Wireless LAN with antenna (optional), GPIO (optional)
- Wide range DC 8-30V input
- Robust aluminum with IP65 compliant front bezel design
- Modularize design for easy installation and maintenance

Specifications

Main System	
CPU	Intel Core i7/i5/i3 Sandy bridge Processor with1066/1333 MHz FSB
Chipset	Intel H61 chipset
System Memory	1x DIMM DDR3 800/1066/1333 SDRAM up to 8 GB; Preload 4GB RAM
LAN	2x Realtek ® RL8111x (Gigabit) 10/100/1000Ethernet
HDD (hard disk)	2.5" SATA SSD/HDD; Size optional
Audio	Realtek ® ALC662, 5.1 channel surround audio
I/O Connector	5 x RS-232 1 x RS422/485 1x DVI-D port 1x PS/2 (Keyboard/mouse) 1x DB-15 Connector 1x Audio (Mic-in / Line-out) 2x 10/100/1000MLAN port (RJ-45) 6x USB2.0 1x 3Pin DC power input terminal block
Expansion	Mini-PCIE for wireless Lan card with antenna(Optional)
General	
Construction	Aluminum front bezel and Aluminum chassis
Color	Black or OEM
OS Support	Windows 7/8/10 and linux
Mounting	Panel mount or Standard VESA 75/100mm
Power supply	Input Voltage : 8~30v, with External AC adapter; Output Rating 92W
Dimensions(WxHxD)	355 x 279 x 88mm
NET weight	8.0 KG
LCD Display	
Display type	12.1" XGA TFT LCD LED Backlight
Resolution	1024 x 768 pixels
Luminance	500 cd/m2
Viewing angle	160°(H) , 160°(V)
Touch screen	
Controller Interface	Internal USB interface controller
Resolution	Continuous
Light Transmission	81% or more
Operating Force	≤100g
Life Expectancy	35 Million

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Environment

Operating Temperature	-10°C~ 60°C (-14~140°F)
Storage Temperature	-20°C ~ 70°C (-4 ~ 158°F)
Humidity	5% to 95% @40°C non-condensing
Vibration	17 to 500HZ 1G PTP
Operating Shock	1G /peak (11m sec)
Ingress Protection	Front panel: IP65

Ordering informations

IPC-12i7	12.1" Industrial Panel PC with Intel i7/i5/i3 Processor, 2.5" SATA HDD or SSD, 4G RAM(8G optional), 6*COM(5* RS232.1 * 485), 1*VGA, 1* DVI,6*USB 2.0, 2*LAN, 1* Audio, 1* MIC, 1* PS2, 1 xMini PCIe
IPC-12i7T	12.1" Industrial Touch Screen PC with Intel i7/i5/i3 Processor, 2.5" SATA HDD or SSD, 4G RAM(8G optional), 6*COM(5* RS232.1 * 485), 1*VGA, 1* DVI,6*USB 2.0, 2*LAN, 1* Audio, 1* MIC, 1* PS2, 1 xMini PCIe,Resistive touch screen
CPU Description	Intel® Core™ i3-3240 Processor (3M Cache, 3.40 GHz)
	Intel® Core™ i5-3470 Processor (6M Cache, up to 3.60 GHz)
	Intel® Core™ i7-3770 Processor (8M Cache, up to 3.90 GHz)
	Other LGA1155 socket CPU

Dimensions Diagram

