

# IPC-17i7

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



## Features

- 17" TFT SXGA LED Panel (1280 x 1024) 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 1xPCI Expressx16 slot and 1 xMini PCIe slot, for expansion
- Rear panel with power LED and HDD LED Indication, Built-in 2x 3 Watts stereo speaker
- Wide range DC 8-30V input
- Wireless LAN with antenna (optional), GPIO (optional)
- Robust aluminum with IP65 compliant front bezel design

## 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 2GB RAM  |
| LAN                  | 2x Realtek ® RL8111x (Gigabit ) 10/100/1000Ethernet   |
| HDD (hard disk )     | 2.5" SATA HDD; Preload 320GB HDD  |
| Audio                | Realtek ® ALC662, 5.1 channel surround audio  |
| I/O Connector        | 5 x RS-232<br>1 x RS422/485<br>1x DVI-D port<br>1x PS/2 (Keyboard/mouse)<br>1x DB-15 Connector<br>1x Audio (Mic-in / Line-out)<br>2x 10/100/1000MLAN port ( RJ-45 )<br>6x USB2.0<br>1x 3Pin DC power input terminal block |
| Expansion            | 1xPCI Express x16 Slot, 1 xMini PCIe slot   |
| General              |   |
| Construction         | Aluminum front bezel and Aluminum chassis   |
| Color                | Black or OEM(>=100 units)   |
| 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)    | 432 x 346 x 90mm  |
| NET weight           | 9.5 KG  |
| LCD Display          |   |
| Display type         | 17" SXGA TFT LCD LED Backlight  |
| Resolution           | 1280 x 1024 pixels  |
| Luminance            | 250 cd/m2   |
| Viewing angle        | 170°(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 | 0 ~ 50°C (32 ~ 122°F)             |
| Storage Temperature   | -20 ~ 60°C (-4 ~ 140°F)           |
| Humidity              | 10% to 90% @ 40°C , on-condensing |
| Vibration             | 17 to 500HZ 1G PTP                |
| Operating Shock       | 1G /peak ( 11m sec)               |
| Ingress Protection    | Front panel: IP65                 |

## Ordering informations

|                 |  |
|-----------------|--|
| IPC-17i7        | 17" Industrial Panel PC with Intel i7/i5/i3 Processor, 2.5"SATA 320G HDD(or 32G SSD) , 2G RAM(4G & 8G optional), 6*COM(5* RS232.1 * 485), 1*VGA, 1* DVI,6*USB 2.0, 2*LAN, 1* Audio, 1* MIC, 1* PS2   |
| IPC-17i7T       | 17" Industrial Touch Screen PC with Intel i7/i5/i3 Processor, 2.5"SATA 320G HDD(or 32G SSD) , 2G RAM(4G & 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,1 x PCI Express x16 slot, 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)  |
|                 | <b>Other LGA1155 socket CPU</b>  |

## Dimensions Diagram

