

# PCA80150

15" expandable touch panel PC support 1024 x 768 display resolution, Intel Core i3-6100TE CPU, 2 x expansion slots, panel mount, and 9~36V DC power input.

- ▶ Aluminum die-casting front bezel with IP66 design
- ▶ 15 inch 1024 x 768 420-nit industrial LCD monitor
- ▶ Option for 1000-nit high brightness display
- ▶ Resistive touch screen, option for PCAP touch screen
- ▶ 6th Generation Intel Core i3-6100TE processor
- ▶ 1 x PCIe x1 + 1 x PCIe x16 expansion slot
- ▶ 4 x USB 3.0, 2 x LAN, 3 x COM, 1 x VGA, 1 x HDMI
- ▶ Modular concept with fan design and panel mount
- ▶ 9 to 36V DC power input, option for external AC power adapter



## Description

The PCA80150 is a 15" expandable industrial touch panel PC with a full metal chassis and an IP66-rated aluminum die-casted front bezel design. The system is powered by the 6th Generation Intel Core i3-6100TE CPU and supports 2 x SO-DIMM memory, up to 32GB. The panel PC features abundant I/O ports such as 4 x USB 3.0, 2 x LAN, 3 x COM, 1 x VGA, 1 x line out, and 1 x mic-in. It provides 2 x expansion slots which offer the expandability to integrated versatile applications.

## Technical Specifications

SPECIFICATION	VALUE
<b>Material</b>	Aluminum die-casting front bezel Steel rear metal chassis
<b>LCD Panel</b>	Size: 15 inch Resolution: 1024 x 768 Brightness (cd/m <sup>2</sup> ): 420-nits, option for 1000-nits high brightness display Contrast Ratio (typ.): 800:1 Viewing Angle (H/V): 160° x 160° Colors: 16.7M MTBF (hrs): 50,000
<b>Touch Screen</b>	Type: Resistive or Projected Capacitive (optional) touch screen Interface (RT / PCT): USB / USB Light Transmission (RT / PCT): Over 80% / Over 90%

*Specifications subject to change without notice.*

<b>System</b>	CPU: 6th Generation Core i3-6100TE Option for 6th Gen. Intel Core i5-6500TE or i7-6700TE CPU Chipset: Intel H170 Chipset Memory: 2 x 260-pin SO-DIMM, up to 32GB DDR4 2133MHz
<b>Storage Device</b>	2 x 2.5" SATA SSD space
<b>I/O Ports</b>	4 x USB 3.0 type A 2 x RJ-45 GbE LAN 1 x RS-232/422/485 DB-9, COM1 (default RS-232) 1 x RS-232 DB-9, COM2 1 x RS-422/485 DB-9, COM3 (default RS-485) 1 x Line-out/1 x Mic-in 1 x VGA by DB-15 1 x HDMI with cover 1 x System LED indication at front 2 x LED indicators for HDD/system 1 x Power switch on/off 1 x 3-pin terminal block for DC power input 1 x 2-pin power switch
<b>Expansion Slot</b>	1 x PCIe x1 + 1 x PCIe x16 slot
<b>Mounting</b>	Supports panel mount
<b>Power Supply</b>	Power Input: 9 to 36V DC power input Power Consumption: Max. 88.4W Option for external AC power adapter
<b>Weight</b>	14.33 lb / 6.5 kg
<b>Dimension</b>	16.14"(W) x 12.20"(H) x 3.54"(D)
<b>Environmental</b>	Operating Temperature: 0°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity: 10%~95% @ 40°C, non-condensing IP Rating: Front IP66 rated bezel
<b>Safety</b>	CE, FCC Class A
<b>Operating System</b>	Option for Windows 7 Pro 64bit / Windows 7 Embedded Standard / Windows 10 Pro 64bit

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