PCA80215

21.5" expandable touch panel PC supporting 1920 x 1080 FHD 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

▸ 21.5 inch 1920 x 1080 250-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 PCA80215 is a 21.5" 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
Material	Aluminum die-casting front bezel Steel rear metal chassis
LCD Panel	Size: 21.5 inch Resolution: 1920 x 1080 Brightness (cd/m²): 250-nits, option for 1000-nits high brightness display Contrast Ratio (typ.): 3000:1 Viewing Angle (H/V): 178° x 178° Colors: 16.7M MTBF (hrs): 30,000
Touch Screen	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.

System	CPU: 6th Generation Intel 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
Storage Device	2 x 2.5" SATA SSD
I/O Ports	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
Expansion Slot	1 x PCIe x1 + 1 x PCIe x16 slot
Mounting	Supports panel mount
Power Supply	Power Input: 9 to 36V DC power input Power Consumption: 94.7W Option for external AC power adapter
Weight	18.74 lb / 8.5 kg
Dimension	21.93"(W) x 14.25"(H) x 3.54"(D)
Environmental	Operating Temperature: 0°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity: 10%~95% @ 40°C, non-condensing IP Grade: Front IP66 rated bezel
Safety	CE, FCC Class A
Operating System	Option for Windows 7 Pro 64bit / Windows 7 Embedded Standard / Windows 10 Pro 64bit

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Contact us at **info@acnodes.com** or call **(909) 597-7588**

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