

PCH8120

12.1" 1024 x 768 stainless steel panel PC with Intel N3350 1.1GHz CPU, Resistive type touch screen, -15°C to 60°C wide operating temperature, and full IP66/69K rated enclosure.

- ▶ Full IP66/69K rated rugged stainless steel enclosure
- ▶ 12.1 inch 1024 x 768 industrial LCD monitor
- ▶ 500-nits high brightness, option for 1000-nits high brightness
- ▶ 5-Wire Resistive touch screen, option for PCAP multi-touch
- ▶ Intel Apollo Lake Celeron N3350 1.14GHz CPU
- ▶ 4GB DDR4 memory & 128GB SSD
- ▶ 1 x LAN, 2 x USB, 1 x COM, 1 x Power (IP66 connectors)
- ▶ VESA (100 x 100mm) mounting holes
- ▶ 110/240V AC power input, option for 12V DC power input

Description

Stainless steel panel PC with a 12.1 inch 1024 x 768 industrial LCD monitor, Resistive type screen monitor, and an IP66/69K rated waterproof stainless steel enclosure. PCH8120 is constructed with SUS316 stainless steel, which has corrosion resistance properties that allow the monitor to be used in environments where acid or chemicals are present. Powered by the Intel Apollo Lake N3350 1.1GHz CPU, the PC system supports Integrated Intel HD Graphics, 4GB DDR4 memory, and a 128GB SSD. The I/O for the panel PC includes 1 x RS-232, 2 x USB, 1 x RJ45 GbE LAN, and 1 x AC input. All of the I/O ports are IP66 rated connectors. Option for 1000-nits high brightness, PCAP type touch screen, panel mount with gasket, 12V DC power input, and Windows 10 OS.

Technical Specifications

SPECIFICATION	VALUE
Material	SUS316 stainless steel Fully IP66/69K rated anti-corrosion stainless steel
LCD Panel	Size: 12.1 inch Max Resolution: 1024 x 768 Brightness (cd/m ²): 500, option for 1000-nits sunlight-readable display Contrast Ratio (typ.): 700:1 Viewing Angle (H/V): -80~80(H); -70~70(V) Colors: 16.2M (8 bit/color)
Touch Screen	5-Wire Resistive touch screen Option for Projected Capacitive multi-touch screen (USB)

Specifications subject to change without notice.

System	CPU: Intel Apollo Lake Celeron N3350 1.1GHz, up to 2.3GHz Memory: 4GB DDR4 (MAX) Storage: 128GB SSD Graphic: Integrated Intel HD Graphics Ethernet: Intel I210-AT BIOS: AMI 16 MB Flash Watchdog: 1~255 min/s
I/O (IP66 Connectors)	Serial Port: 1 x RS232 (IP66) USB Ports: 2 x USB (IP66) Ethernet: 1 x RJ45 GbE LAN (IP66) Power: 1 x AC input (IP66)
Cables	6 feet cables included for each I/O Option for 10 feet cables for each I/O
Operating System (Option)	Option for Windows 10 Pro 64bit OS
Power Supply	Power Input: 110-240V AC power input Power Consumption: 28W (typ.) Option for 12V DC power input
Weight	14.33 lb / 6.5 kg
Dimension	13.78"(W) x 11.22"(H) x 1.95"(D)
Mounting	VESA (100 x 100mm) mount Option for panel mount with gasket
Environmental	Operating Temperature: -15°C to 60°C Operating Humidity: 10% to 95% (Non-condensing) IP Grade: Full-IP66/IP69K

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