PC9080

8 inch 800 x 600 fanless panel PC with Celeron J6412 2.0GHz processor, 4GB DDR4 memory, and an IP66 rated flat front bezel with an aluminum die-casting chassis.



- 8 inch 800 x 600 350-nit industrial LCD panel
- Die-cast aluminum bezel with IP66 rated waterproof front bezel
- Intel Celeron N2930 1.83GHz quad-core CPU with DDR3L memory
- 2 x USB 3.0, 1 x RS-232/422/485, 1 x RS-232, 1 x Audio, 2 x GbE LAN
- Resistive type touch screen, option for Projected Capacitive touch screen
- Option for 1000-nit high brightness display or optical bonding
- Option for -20°C to 60°C wide range working temperature
- Wide range 9 to 36V DC power input

Description

The PC9080 is an 8" fanless industrial panel PC powered by the Intel Celeron J6412 2.0GHz quad-core CPU with 4GB DDR3L memory and SATA MO-297 SSD bay. Housed in a die-cast aluminum bezel, the PC features an IP66 rated waterproof front bezel for harsh working environments. It also features a Resistive type touch screen and multiple I/O including 2 x USB 3.0, 1 x RS-232/422/485, 1 x Audio, and 1 x GbE + 1 x 2.5GbE LAN. The PC9080 is a reliable system designed to meet various industrial standards and IoT applications. Option for Projected Capacitive touch screen, 1000-nit high brightness display, -20°C to 60°C wide operating temperature, and Windows OS.

Technical Specifications

SPECIFICATION	VALUE
Material	Solid aluminum die-casting chassis IP66 compliant front panel
LCD Panel	Size: 8 inch TFT LCD Resolution: 800 x 600 Brightness (cd/m²): 350 Contrast Ratio (typ.): 500:1 Viewing Angle (H/V): 140° x 120° Colors: 16.2M MTBF (hrs): 40,000
Touch Screen	Resistive type touch screen Light Transmission: 80% Interface: USB

Specifications subject to change without notice.

	Projected Capacitive type touch screen (option) Light Transmission: 90% Interface: USB
System	CPU: Celeron J6412 2.0GHz Memory: Onboard 4GB DDR4
Storage	1 x M.2 SDD bay
Video	1 x DisplayPort 1.4 (up to 4096x2160@60Hz)
Connectors	2 x USB 3.0 1 x DB-9 RS-232/422/485, COM 1 (Default RS-232)1 X RS-232 DB-9, COM 21 x Audio line out2 x GbE LAN RJ-451 X 3-pin DC power input terminal1 x 2-pin connector for power on/off button
Power Supply	Power Input: 9 to 36V DC power input Power Consumption: 26W (Max) Option for external AC power adapter
Mounting	Panel or VESA (75mm) mount
Weight	4.79 lb / 2.17 kg
Dimension	9.09"(W) x 2.72"(D) x 6.93"(H)
Environmental	Operating Temperature: 0°C to 50°C Option for -20°C to 60°C wide range working temperature Storage Temperature: -30°C to 70°C Relative Humidity: 10 to 90% @ 40°C, non-condensing
Certification	CE, FCC Class A

Available Configurations

LCD monitor

- 8 inch 800 by 600 LCD with resistive-type touch screen
- 8 inch 800 by 600 LCD with projected capacitive-type tocuh screen

CPU

- Celeron N2930 1.83GHZ Quad-Core CPU

memory

- 4GB memory

Storage device - M.2

- 128GB SSD
- 250B SSD
- 500GB SSD

9 to 36VDC power input

- External 110/220VAC power adapter

Operating system

- No O.S.
- Windows 11 Pro 64bit

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