PC9070

7 inch 800 x 480 fanless panel PC with Celeron N2930 1.83GHz processor, 4GB DDR3L memory, 2 x USB 3.0 ports, Dual LAN, and an IP66 rated flat front bezel.

▸ 7 inch 800 x 480 350-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 PC9070 is a 7" fanless industrial panel PC powered by the Intel Celeron N2930 1.83GHz 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/Os including 2 x USB 3.0, 1 x RS-232/422/485, 1 x RS-232, 1 x Audio, and 2 x GbE LAN. The PC9070 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	Aluminum die-casting chassis IP66 compliant front panel
LCD Panel	Size: 7 inch TFT LCD Resolution: 800 x 480 Brightness (cd/m²): 350 Contrast Ratio (typ.): 400:1 Viewing Angle (H/V): 120° x 120° Colors: 262K MTBF (hrs): 50,000
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: Intel Celeron N2930 1.83GHz Memory Slot: Onboard 4GB DDR3L 1333MHz System Chipset: SoC
Storage	1 x SATA MO-297 SDD bay
Expansion Slot	1 x internal mini-PCIe slot full size
I/O Port	2 x USB 3.0 type A 1 x DB-9 RS-232/422/485, COM 1 (Default RS-232) 1 x RS-232 DB-9, COM 2 1 x Audio line out 2 x GbE LAN RJ-45 1 x 3-pin DC power input terminal 1 x 2-pin connector for power on/off button
Power Supply	Power Input: 9 to 36V DC power input Power Consumption: 28W (Max) Option for external AC power adapter
Mounting	Panel or VESA (75mm) mount
Weight	2.65 lb / 1.2 kg
Dimension	7.95"(W) x 1.57"(D) x 5.87"(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

Power Supply
- External 110/220VAC power adapter

memory
- 4GB memory

LCD monitor
- 7 inch 800 by 480 LCD with resistive-type touch screen
- 7 inch 800 by 480 LCD with projected capacitive-type tocuh screen

Storage device
- 32GB SSD
- 64GB SSD
- 128GB SSD

CPU
- Celeron N2930 1.83GHZ Quad-Core CPU

Specifications subject to change without notice.

Operating system

- No O.S.
- Windows 7 Pro 64bit
- Windows 10 Pro 64bit

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