PC9170

17" 1280 x 1024 fanless panel PC integrated with Intel Celeron or Core i CPU, multiple I/O ports, Resistive touch screen, and a wide range 9 to 36V DC power input.

▸ 17 inch 1280 x 1024 industrial LCD panel

▸ IP66 compliant aluminum die-casted front bezel

▸ Integrated Intel Celeron or Core i processors

▸ Multiple I/O ports including USB, COM, LAN, Audio, and DP

▸ Resistive touch screen, option for Projective 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 PC9170 is a 17" fanless panel PC powered by the low power Intel Celeron or Core i CPU with the SoC chipset. Housed in an aluminum die-casting chassis with IP66 rated waterproof front bezel, the panel PC is ideal for harsh working environments and industrial applications. The panel PCs also feature a Resistive touchscreen, multiple I/O ports, VESA mounting holes, and a 9 to 36V DC power input. Option for PCAP touchscreen / 1000-nit high brightness display / optical bonding, mini PCIe slot, external AC power adapter, and Windows OS.

Technical Specifications

SPECIFICATION	VALUE
Material	Aluminum die-casting chassis IP66 rated rugged enclosure
LCD panel	Size: 17" TFT LCD Max. Resolution: 1280 x 1024 Brightness (cd/m²): 350 Contrast Ratio (typ.): 1000:1 Viewing Angel (H/V): 170° x 160° Colors: 16.2M MTBF (hrs): 30,000
Touch Screen	Type: Resistive touch (Standard) / Projected Capacitive touch (Option) Light Transmission: Resistive 80% / Projectived Capacitive 90% Interface: USB

Specifications subject to change without notice.

System	CPU: Intel Celeron N2930 (A model) / 8th Gen Core i3-8145UE (B model) / Celeron J6412 (C model) System Chipset: SoC Memory: DDR memory, up to 32GB for select models
Storage	A & B model: 1 x SATA MO-297 SSD bay C model: 1 x M.2 B-Key slot (Support SATA3; 2242/2280, Default 2242)
Expansion Slot	A & B model: 1 x internal mini-PCIe slot full size C model: 1 x mini-PCIe slot, 1 x M.2 E-key, 1 x Nano SIM Card Holder
Connectors	A & B model: 2 x USB 3.0 type A 1 x DB-9 RS-232/422/485, COM1 (Default RS-232) 1 x RS-232 DB-9, COM2 1 x Audio line out 2 x GbE LAN RJ-45 1 x 3-pin terminal block for DC power input 1 x 2-pin connector for power on/off button C model: 2 x USB 3.2 Gen2 Type A 2 x USB 2.0 Type A 1 x RS-232/422/485 (Default RS-232) 1 x Audio Line Out 2 x 2.5GbE LAN RJ-45 1 x DP 1 x 3-pin Terminal Block Connector 1 x 2-pin Power Switch Connector
Power Supply	Power Input: 9 to 36V DC power input Power Consumption: 38W (Max) Option for external AC power adapter
Mounting	Panel or VESA (100mm) mount
Weight	13.27 lb / 6.02 kg
Dimension	17.28"(W) x 2.55"(D) x 13.70"(H)
Environmental	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -30°C to 70°C (-22°F to 158°F) Humidity: 10 to 90% @ 40°C, non-condensing
Certification	CE, FCC Class A

Available Configurations

Hard Drive
- 250GB HD

memory
- 4GB memory

CPU
- Atom D2550 1.86GHz

Power Supply
- 9-32V DC power input

Specifications subject to change without notice.

- 110/220VAC power adapter

Operating system
- No O.S.
- Windows 7 Pro 32bit
- Windows 7 Pro 64-bit

LCD monitor
- 17 inch 1280 by 1024 LCD with resistive type touch screen
- 17 inch 1024 by 768 LCD with projected capacitive-type tocuh screen

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