PC9185

18.5" 1366 x 768 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.

- ▸ 18.5 inch 1366 x 768 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 M.2 WLAN/Bluetooth
- ▸ Wide range 9 to 36V DC power input

Description

The PC9185 is an 18.5-inch industrial LCD panel designed for demanding environments. Featuring a high-resolution 1366 x 768 display within a rugged IP66 compliant aluminum bezel, it offers flexible touch screen options and powerful Intel Celeron or Core i processors. With extensive connectivity options and a wide range 9 to 36V DC power input, the PC9185 ensures seamless integration and reliable performance in various industrial applications. Additionally, it offers optional high brightness and optical bonding features for enhanced visibility and display quality.

Technical Specifications

SPECIFICATION	VALUE
Material	Aluminum die-casting chassis IP66 rated rugged enclosure
LCD panel	Size: 18.5" TFT LCD Max. Resolution: 1366 x 768 Brightness (cd/m²): 350 (A & B model) / 300 (C model) Contrast Ratio: 1000:1 Viewing Angle (H/V): 170° x 160° Colors: 16.7M MTBF (hrs): 50,000
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: 45W Option for external AC power adapter
Mounting	Panel or VESA (100 x 100mm) mount
Weight	16.10 lb / 7.3 kg (estimated)
Dimension	19.67"(W) x 2.36"(D) x 12.39"(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

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