

PCM8415

15" 1024 x 768, 1,000 nits military-grade panel PC with Intel Core i7-8665UE, 2.0GHz CPU, resistive type touchscreen, fully IP66 rated enclosure, and MIL-STD-810G testing standards.



- ▶ 15 inch 1024 x 768 LED backlight monitor
- ▶ 5-wire resistive type touch screen monitor
- ▶ 1000-nit high brightness LCD panel
- ▶ 8th generation Core i7-8665UE 2.0GHz CPU
- ▶ 6 x RJ45 GbE LAN, 2 x COM, 6 x USB
- ▶ MIL-STD-810G vibration, shock, and temperature
- ▶ 9~36V DC with EMI filter

Description

Military-grade panel PC with a 15 inch 1024 x 768 1000-nit, high brightness 1,000 cd/m² touchscreen monitor and a fully IP66 rated anti-corrosion aluminum housing with MIL-STD-810G compliance. The PC is powered by the 8th generation Intel Core i7-8665UE CPU and supports 6 x RJ45 GbE LAN, and 2 x COM ports. Options are available for optical bonding, GPS module, front IP rated USB ports, speakers, and AC power adapter, RAM 8 GB DDR4,SSD: 128GB, Anti-EMI mesh-5wire resistive touch, Power Input: 9-36V DC with EMI filter(D38999 connector), Signal (D38999): 4xUSB 2.0, 1XRS232/422/485, 1xRS232

Technical Specifications

SPECIFICATION	VALUE
Material	Anti-corrosion aluminum housing Full IP66 rated rugged enclosure
LCD panel	Size: 15 inch Resolution: 1024 x 768 Brightness (cd/m ²): 1000 Contrast Ratio (typ.): 700:1 Viewing Angle (H/V): 160° x 140°Backlight: LED Colors: 16.2M (8-bits/color)
Touch Screen	Anit-EMI 5-wire resistive type touch screen monitor
System	CPU: 8th gen. Core i7-8665UE 2.0GHz Chipset: SoC Integrated Memory: DDR4L 2133Mhz 8GB, Max. 16GB

Specifications subject to change without notice.

	Storage: 2.5" SSD Ethernet Chipset: Intel Ethernet Connection Watchdog: 65535 levels, 1~65535 sec
Video Port	N/A
Speaker (Option)	2 x 2W speakers
GPS Module (Option)	1 x GPS module
Optical Bonding (Option)	Optical Bonding
Connectors	6 x RJ45 GbE LAN 1 x HDMI 4 x USB 2.0, 2 x USB 3.0 1 x RS-232/422/485, 1xRS232, 1 x 9~36V DC with EMI filter 2 x 2W speakers (optional) 2 x front IP67 USB ports (optional)
OSD Buttons	On/Off, Reset buttons
System Indicator	1 x Power LED, 1 x HDD LED
EMI Proof	Anti-EMI filter
Power Supply	9 to 36V DC power input Option for external AC power adapter
Mounting	VESA or flush mount
Weight	19.84 lb / 9 kg
Dimension	15"(W) x 3.18"(D) x 11.97"(H)
Environmental	Operating Temperature: -20°C to 60°C Storage Temperature: -30°C to 80°C Relative Humidity: 5~95%, non-condensing MIL-STD-810G vibration, shock, & temperature

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