PCM8210

10.4-inch touch panel PC with a 350-nit high brightness LCD panel, 5th generation Core i5 CPU, fanless cooling system, full IP67 protection, and MIL-STD-810G compliance.



- Fully IP67 rated rugged enclosure
- 10.4 inch 1024 x 768 LED backlight monitor
- 5-wire resistive type touch screen monitor
- 350-nits high brightness LCD panel, option for 1000-nits
- 5th generation Core i5 5200U 2.2GHz embedded system
- 1 x LAN, 1 x COM, 2 x USB (D38999 connectors)
- MIL-STD-810G -20°C to 60°C wide range working temperature
- Wide range 9~36V DC power input

Description

A military-grade 10.4" panel PC powered by the 5th generation Broadwell Core i5 5200U 2.2GHz CPU. It features a fully IP67 rated rugged enclosure, MIL-STD-810G compliance, and -20° ~ 60°C wide range working temperature. Option for 1000-nit LCD panel, 8GB memory, and 128GB SSD.

Technical Specifications

SPECIFICATION	VALUE
Material	Fully IP67 rated rugged enclosure
LCD panel	Size: 10.4” Max. Resolution: 1024 x 768 Brightness (cd/m²): 350 Contrast Ratio (typ.): 1200:1 Viewing Angle (H/V): 176'(H)/ 176'(V) Backlight: LED Colors: 16.2M MTBF: 50,000 hrs Option for 1000-nit high brightness display
Touch screen	5-wire resistive type touch screen monitor
System	CPU: 5th gen. Broadwell Core i5 5200U 2.2GHz CPU Memory Slot: DDR3L SO-DIMM 4GB, Max. 8GB Chipset: SoC Integrated Graphic: Intel HD Graphics 4400

Specifications subject to change without notice.

	Ethernet: Intel Ethernet Controller I211-AT + Intel Gigabit Ethernet PHY I218-LM
Drive Bay	1 x mSATA SSD 64GB
Connectors(D38999 Connectors)	1 x COM port, RS-232 2 x USB 2.0 1 x RJ45 GbE LAN 1 x 9~36V DC Input
Power supply	Wide range 9~36V DC power input Power Consumption: 58 watts (typical)
Mounting	VESA mount (75x75mm) Option for 30°~90° Swivel bracket
Weight	Net Weight: 11 lb Gross Weight: 13.23 lb
Dimension	PCM8210: 11.02”(W) x 9.45”(H) PCM8210-D: 11.81"(W) x 9.76"(H) x 3.03"(D) Package Dimension: 15"(W) x 13.3"(H) x 7.08"(D)
Environmental	Operating Temperature: -20°C to 60°C (-4°F to 140°F) Storage Temperature: -30° to 70°C (-22°F to 158°F) Relative Humidity: 10%-95%, non-condensing IP Protection: Full-IP67 Vibration: MIL-STD-810G Method 514.6C-3 Shock: MIL-STD-810G Method 516.6

Available Configurations

Operating system

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

LCD monitor

- 10.4" 1024 by 768 350-nits LCD panel with optical bonding
- 10.4" 1024 by 768 1000-nits LCD panel with optical bonding

Memory

- 4GB memory
- 8GB memory

Storage device with O/S

- 64GB SSD
- 128GB SSD

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Contact us at info@acnodes.com or call **(909) 597-7588**

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