



P10A

All-In-One Industrial Panel PC

- Powered by 12th-generation Intel® Core™ i5-1235U/i7-1255U processor
- Wi-Fi 6, Bluetooth 5.1, and expandable 4G (M.2 interface)
- Rich interfaces, including multiple USB/RJ45/DB9/HDMI and other I/O ports
- 10.1-inch flat capacitive touch panel is impact-resistant
- Fanless design, using a large-area uniform heating fin
- Wide voltage and temperature design, IP65-rated dustproof and waterproof



Durability	- Front panel IP65 compliant ±8kV contact discharge, ±15kV air discharge
Operating System	- Windows 11 Pro - Optional Windows 11 Home/IOT
Processor	- Intel i5-1235U (12MB cache, up to 4.4GHz, 10 cores, 12 threads, TDP 15W) - Optional Intel i7-1255U (12MB cache, up to 4.7GHz, 10 cores, 12 threads, TDP 15W)
Graphics	Intel® Iris® Xe Graphics
Memory	16GB LPDDR4x on board
Storage	128GB SATA SSD - Optional 256GB/512GB PCIe SSD
Display	10.1", HD (800x1280), 700 nits 10-point capacitive touch screen
Audio	Optional 2W speaker
Keyboard & Input	Power key x1
Network & Connectivity	- Intel® Wi-Fi 6 (802.11 ax) - Bluetooth® 5.1 - Optional 4G LTE - LTE-FDD: B1/3/5/7/8/20 - LTE-TDD: B40 - WCDMA: B1/5/8 - GSM: 900/1800 - China (China Unicom, China Telecom, China Mobile), - Europe, the Middle East, Africa, Taiwan, Japan

Security	Integrated TPM2.0
I/O Interface	- SIM card x1 - USB 3.0 (Type-A) x4 3.5mm audio jack x1 - HDMI 2.0 Type-A x1 10/100/1000 Ethernet (RJ45) x2 - Serial port (RS232: D-sub, 9-pin) x2 - Optional RS232 x1/RS485 x1 5.5mm DC in jack x1 (supports 12-24V) - SMA x2
Battery & Charging	100-240V, 50Hz-60Hz, 64.98W (19V/3.42A) - Separate RTC 3V/220mAh
Environment	- Operating temperature: -20°C to 60°C (-4°F to 140°F) - Storage temperature: -30°C to 70°C (-22°F to 158°F) - Humidity: 95% (non-condensing)
Dimension	257.2 mm(L) × 170 mm(W) × 45.95 mm(H)
Weight	1.2 kg
Accessories	- Standard: Adapter, Hook assembly, Antenna - Optional: Antenna
Warranty	One-year limited warranty standard

1. Please contact your sales representative for feature availability.
2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.
3. Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.
4. Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.
5. All product images, specifications, user interface, and features are for reference only and may vary by production batch or other factors. All information is subject to change without prior notice.

ACCESSORIES

Standard



Adapter



Hook Assembly



Antenna (Wi-Fi)



Antenna (4G)

Optional

CONTACT US

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