



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	<ul style="list-style-type: none"> Front Panel IP65 compliant ±8kV contact discharge, ±15kV air discharge
Operating System	<ul style="list-style-type: none"> Windows 11 Pro Optional Windows 11 Home/IOT
Processor	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Intel® Iris® Xe Graphics eligible
Memory	<ul style="list-style-type: none"> 16GB LPDDR4x on board
Storage	<ul style="list-style-type: none"> 128GB SATA SSD Optional 256GB/512GB PCIe SSD
Display	<ul style="list-style-type: none"> 10.1", HD (800x1280), 700 Nits 10 point capacitive touch screen
Audio	<ul style="list-style-type: none"> Optional 2W speaker
Keyboard & Input	<ul style="list-style-type: none"> Power key x1
Network & Connectivity	<ul style="list-style-type: none"> Intel® Wi-Fi 6 AX200 (802.11 ax) Bluetooth® V5.1 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, Middle East, Africa, Taiwan, Japan

Security	<ul style="list-style-type: none"> Integrated TPM2.0
I/O Interface	<ul style="list-style-type: none"> SIM card x 1 USB3.0 (typeA) x 4 3.5mm AudioJack x 1 HDMI 2.0 typeA x 1 10/100/1000 Ethernet (RJ45) x 2 Serial port (RS232: D-sub, 9-pin) x 2 Optional RS232 x 1/RS485 x 1 DC5.5mm-In jack x 1 (support 12~24V) SMA x 2
Battery & Charging	<ul style="list-style-type: none"> 100~240V, 50Hz~60Hz, 64.98Wh DC 19V/3.42A Separated 3V/220mAh RTC
Environment	<ul style="list-style-type: none"> Operating temperature: -20°C to 60°C (-4°F~140°F) Storage temperature: -30°C to 70°C (-22°F~158°F) Humidity: 95% Non-Condensing
Dimension	<ul style="list-style-type: none"> 257.2 mm(L) × 170 mm(W) × 45.95 mm(H)
Weight	<ul style="list-style-type: none"> 1.2 kg
Accessories	<ul style="list-style-type: none"> Standard: Adapter, Hook Assembly, Antenna
Warranty	<ul style="list-style-type: none"> 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 (wifi)



Antenna (4G)

Optional

CONTACT US

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