



# 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



<b>Durability</b>	<ul style="list-style-type: none"> <li>Front panel IP65 compliant</li> <li>±8kV contact discharge, ±15kV air discharge</li> </ul>
<b>Operating System</b>	<ul style="list-style-type: none"> <li>Windows 11 Pro</li> <li>Optional Windows 11 Home/IOT</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Intel i5 1235U (12MB Cache, up to 4.4GHz, 10 Cores, 12 threads, TDP 15W)</li> <li>Optional Intel i7 1255U (12MB Cache, up to 4.7GHz, 10 Cores, 12 threads, TDP 15W)</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>Intel® Iris® Xe Graphics eligible</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>16GB LPDDR4x on board</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>128GB SATA SSD</li> <li>Optional 256GB/512GB PCIe SSD</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>10.1", HD (800x1280), 700 nits</li> <li>10 point capacitive touch screen</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Optional 2W speaker</li> </ul>
<b>Keyboard &amp; Input</b>	<ul style="list-style-type: none"> <li>Power key x1</li> </ul>
<b>Network &amp; Connectivity</b>	<ul style="list-style-type: none"> <li>Intel® Wi-Fi 6 (802.11 ax)</li> <li>Bluetooth® V5.1</li> <li>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</li> </ul>

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

- Please contact your sales representative for feature availability.
- 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.
- Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.
- Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.
- 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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