



# EM-I87J

## Enterprise-Grade Rugged Tablet

- Intel Jasper Lake processor Celeron N5100
- Dual-band Wi-Fi, Bluetooth 5.0, 4G LTE
- Removable 5000mAh battery, supports battery-free working mode
- 8-inch IPS screen, 1920x1200 FHD
- Symmetric speakers, more immersive, more clear
- IP65 waterproof and dustproof, MIL-STD-810H certified



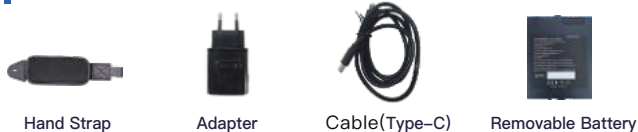
<b>Durability</b>	<ul style="list-style-type: none"> <li>MIL-STD-810H certified</li> <li>4ft, 26 drops (each side, edge, and corner)</li> <li>IP65 certified</li> <li>±8kV contact discharge, ±15kV air discharge</li> </ul>
<b>Operating System</b>	<ul style="list-style-type: none"> <li>Windows 11 Home</li> <li>Optional Windows 11 Pro/IOT</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Intel N5100</li> <li>(4MB cache, up to 2.8 GHz, 4 cores, 4 threads, TDP 6W)</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>Intel® HD Graphics Gen 11 LP</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>8GB LPDDR4x on board</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>128GB eMMC</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>8.0", FHD (1200x1920), 550 nits</li> <li>Optional 8.0", HD (800x1280), 700 nits</li> <li>10-point capacitive touch screen</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Integrated microphone</li> <li>Integrated 1W speaker</li> <li>Class K</li> </ul>
<b>Camera</b>	<ul style="list-style-type: none"> <li>MF 5.0 MP front camera</li> <li>AF 8.0 MP rear camera</li> </ul>
<b>Keyboard &amp; Input</b>	<ul style="list-style-type: none"> <li>User-definable key (default scan key) x1</li> <li>Windows key x1, Volume up key x1, Volume up key x1</li> <li>Power key x1</li> </ul>
<b>Network &amp; Connectivity</b>	<ul style="list-style-type: none"> <li>Intel® Wi-Fi 5 (802.11 ac)</li> <li>Bluetooth® 5.0</li> <li>4G LTE                             <ul style="list-style-type: none"> <li>LTE-FDD: B1/3/5/7/8/20/28</li> <li>LTE-TDD: B38/40/41</li> <li>WCDMA: B1/5/8</li> <li>GSM:/</li> </ul> </li> <li>Optional 4G LTE                             <ul style="list-style-type: none"> <li>LTE-FDD: B2/4/5/12/13/17/18/25/26</li> <li>LTE-TDD: B41</li> <li>WCDMA: B2/4/5</li> <li>CDMA&amp;EVDO: BC0/BC1</li> <li>GSM: 850/1900</li> </ul> </li> </ul>

<b>Network &amp; Connectivity</b>	<ul style="list-style-type: none"> <li>Optional 4G LTE                             <ul style="list-style-type: none"> <li>LTE-FDD: B2/4/5/7/8/28</li> <li>LTE-TDD: B40</li> <li>WCDMA: B2/5/8</li> <li>GSM: 850/900/1900</li> </ul> </li> <li>GPS module</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>Integrated TPM2.0</li> <li>Optional HF-RFID (NFC) reader</li> </ul>
<b>Data Capture</b>	<ul style="list-style-type: none"> <li>Optional 1D/2D barcode reader</li> </ul>
<b>I/O Interface</b>	<ul style="list-style-type: none"> <li>Micro SD card &amp; Nano SIM card</li> <li>USB 3.0 (Type-A) x1</li> <li>USB 3.1 (Type-C)x1</li> <li>3.5 mm audio jack x1</li> <li>HDMI 2.0a mini x1</li> <li>12-pin Pogo Pin x1 (Charge&amp;USB)</li> </ul>
<b>Battery &amp; Charging</b>	<ul style="list-style-type: none"> <li>AC adapter: 100-240V, 50Hz-60Hz, 33W</li> <li>Li-ion battery, 7.6V, 5000mAh, 7h</li> <li>RTC 3V/1mAh on board</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>Operating temperature: -20°C to 60°C (-4°F to 140°F)</li> <li>Storage temperature: -30°C to 70°C (-22°F to 158°F)</li> <li>Humidity: 95% (non-condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>236.7 mm (L) × 155.7 mm (W) × 20 mm (H)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>910g</li> </ul>
<b>Accessories</b>	<ul style="list-style-type: none"> <li>Standard: Hand strap, Cable (Type-C), Adapter, Removable battery</li> <li>Optional: Docking charger, Vehicle mount, Car charger, Leather cover, TP resist film, Quad charging dock</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>One-year limited warranty standard</li> </ul>

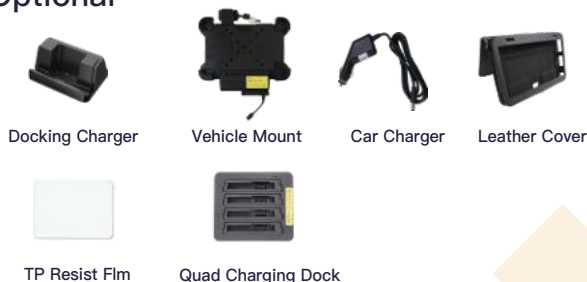
1. Please contact your sales representative for feature availability.  
 2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.  
 3. Certified to MIL-STD-810H 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



### Optional



## CONTACT US

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