



# ORT-140-i512

- 12th Gen Intel® Core™ i5/i7 processor
- 14-inch HD&HB screen, the back features a rotating handle
- 53.58Wh+14.4Wh dual batteries, large battery supports hot-swapping
- Intel® Iris® Xe Graphics eligible
- Wi-Fi 6/4G/5G/BT 5.1, multiple communication options
- Built-in NFC, fingerprint module, optional 2D barcode scanner





Rugged Tablet Series

14" Embedded CPU

ORT-140-i512

## SPECIFICATIONS

 Windows 11 Pro

|                                   |                                                                                                                                                                                                                              |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 compliant</li><li>±4kV contact discharge, ±8kV 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<br/>(12MB cache, up to 4.4 GHz, 10 cores, 12 threads, TDP 15W)</li><li>Optional Intel i7-1255U<br/>(12MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15W)</li></ul> |
| <b>Graphics</b>                   | <ul style="list-style-type: none"><li>Intel® Iris® Xe</li></ul>                                                                                                                                                              |
| <b>Memory</b>                     | <ul style="list-style-type: none"><li>16GB DDR5 SO-DIMM</li><li>Optional 32GB DDR5</li></ul>                                                                                                                                 |
| <b>Storage</b>                    | <ul style="list-style-type: none"><li>256GB PCIe SSD</li><li>Optional 512GB/1TB SSD</li></ul>                                                                                                                                |
| <b>Display</b>                    | <ul style="list-style-type: none"><li>14.0" FHD (1920x1080), 1000 nits</li><li>10-point capacitive touch screen, supports glove touch mode</li></ul>                                                                         |
| <b>Audio</b>                      | <ul style="list-style-type: none"><li>Integrated 3W speaker</li><li>Integrated microphone</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>6 buttons (2 user-definable key)</li></ul>                                                                                                                                             |
| <b>Network &amp; Connectivity</b> | <ul style="list-style-type: none"><li>Intel® Wi-Fi 6 /Wi-Fi 6E (802.11 ax)</li><li>Bluetooth® 5.1</li><li>4G LTE</li><li>Optional 5G</li><li>GPS module</li></ul>                                                            |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Security</b>               | <ul style="list-style-type: none"><li>Integrated TPM2.0</li><li>Fingerprint scanner</li><li>HF-RFID (NFC) reader</li><li>Kensington lock</li></ul>                                                                                                                                                                                                                                                                       |
| <b>Data Capture</b>           | <ul style="list-style-type: none"><li>Optional 2D</li></ul>                                                                                                                                                                                                                                                                                                                                                              |
| <b>I/O Interface</b>          | <ul style="list-style-type: none"><li>Micro SD card x1</li><li>SIM card x1</li><li>USB 3.2 Gen 2 (Type-A) x1</li><li>Thunderbolt 4 (Type-C) x1</li><li>3.5mm audio jack x1</li><li>HDMI 2.0a mini x1</li><li>10/100/1000 Ethernet (RJ45) x2</li><li>Fan x1</li><li>12-pin Pogo pin x1 (charge &amp; USB)</li><li>USB 2.0 (Type-A) x2</li><li>Serial port (RS232: D-sub, 9-pin) x1</li><li>5.5 mm DC in jack x1</li></ul> |
| <b>Expansion Module</b>       | <ul style="list-style-type: none"><li>Optional 2nd NVME PCIe SSD</li><li>Optional user-definable PCIe module</li></ul>                                                                                                                                                                                                                                                                                                   |
| <b>Battery &amp; Charging</b> | <ul style="list-style-type: none"><li>AC adapter: 100-240V, 50Hz-60Hz, 71.82W (19V/3.78A)</li><li>Li-ion battery, 11.4V, 4700mAh, 6.5h</li><li>Li-ion battery, 11.1V, 1300mAh</li><li>Separate RTC 3V/210mAh</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>366.2 mm(L) × 246.9 mm(W) × 24.8 mm(H)</li></ul>                                                                                                                                                                                                                                                                                                                                   |
| <b>Weight</b>                 | <ul style="list-style-type: none"><li>2350g</li></ul>                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Accessories</b>            | <ul style="list-style-type: none"><li>Standard: Handle, Cable AC, Adapter, Removable battery</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



Cable AC



Removable Battery



Handle