



ORT-140-i712

- 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-i712

SPECIFICATIONS

 Windows 11 Pro

Durability	- MIL-STD-810H certified 4ft, 26 drops (each side, edge, and corner) - IP65 compliant ±4kV contact discharge, ±8kV air discharge
Operating System	- Windows 11 Pro - Optional Windows 11 Home/IOT
Processor	- Intel i5-1235U (12MB cache, up to 4.4 GHz, 10 cores, 12 threads, TDP 15W) - Optional Intel i7-1255U (12MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15W)
Graphics	Intel® Iris® Xe
Memory	16GB DDR5 SO-DIMM - Optional 32GB DDR5
Storage	256GB PCIe SSD - Optional 512GB/1TB SSD
Display	14.0" FHD (1920x1080), 1000 nits 10-point capacitive touch screen, supports glove touch mode
Audio	- Integrated 3W speaker - Integrated microphone - Class K
Camera	- MF 5.0 MP front camera - AF 8.0 MP rear camera
Keyboard & Input	6 buttons (2 user-definable key)
Network & Connectivity	- Intel® Wi-Fi 6 /Wi-Fi 6E (802.11 ax) - Bluetooth® 5.1 4G LTE - Optional 5G - GPS module

Security	- Integrated TPM2.0 - Fingerprint scanner - HF-RFID (NFC) reader - Kensington lock
Data Capture	Optional 2D
I/O Interface	- Micro SD card x1 - SIM card x1 - USB 3.2 Gen 2 (Type-A) x1 - Thunderbolt 4 (Type-C) x1 3.5mm audio jack x1 - HDMI 2.0a mini x1 10/100/1000 Ethernet (RJ45) x2 - Fan x1 12-pin Pogo pin x1 (charge & USB) - USB 2.0 (Type-A) x2 - Serial port (RS232: D-sub, 9-pin) x1 5.5 mm DC in jack x1
Expansion Module	- Optional 2nd NVME PCIe SSD - Optional user-definable PCIe module
Battery & Charging	- AC adapter: 100-240V, 50Hz-60Hz, 71.82W (19V/3.78A) - Li-ion battery, 11.4V, 4700mAh, 6.5h - Li-ion battery, 11.1V, 1300mAh - Separate RTC 3V/210mAh
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	366.2 mm(L) × 246.9 mm(W) × 24.8 mm(H)
Weight	2350g
Accessories	Standard: Handle, Cable AC, Adapter, Removable battery
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



Cable AC



Removable Battery



Handle