



N15A

Enterprise-Grade Rugged Notebook

- 12th Gen Intel® Core™ i5/i7 processor
- Intel® Iris® Xe Graphics eligible
- 15,6-inch FHD, optional touch screen, backlit keyboard
- Wi-Fi 6/4G/5G/BT 5.1, multiple communication options
- 4700mAh/11.4V+1300mAh/11.1V dual batteries
- IP65 high protection level, 1.22m drop resistance



- Durability**
- MIL-STD-810H certified
 - 4ft, 26 drops (each side, edge, and corner)
 - IP65 certified
 - ±4kV contact discharge, ±8kV air discharge

- Operating System**
- Windows 11 Pro
 - Optional Windows 11 Home/IOT

- Processor**
- Intel i5-1235U
(12MB cache, up to 4.4GHz, 10 cores, 12 threads, TDP 15W)
 - Optional Intel i7-1255U
(12MB cache, up to 4.7GHz, 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**
- Integrated microphone
 - Integrated 3W speaker
 - Class K

- Audio**
- 15.6" FHD (1920x1080), 1000 nits
 - Optional 10-point capacitive touch screen, supports glove touch mode

- Camera**
- MF 5.0 MP front camera

- Keyboard & Input**
- Touchpad x1
 - KB (US) x1
 - Optional KB (DE)/KB (FR)/KB (EU)
 - 4 buttons

- Network & Connectivity**
- Intel® Wi-Fi 6 /Wi-Fi 6E (802.11 ax)
 - Bluetooth® 5.1
 - Optional 4G LTE
 - LTE-FDD: B1/3/5/7/8/20/28
 - LTE-TDD: B38/40/41
 - WCDMA: B1/5/8
 - GSM: /
 - Optional 5G
 - GPS module

- Security**
- Integrated TPM 2.0
 - Optional HF-RFID (NFC) reader
 - Fingerprint scanner
 - Kensington lock

- I/O Interface**
- Micro SD card x1
 - SIM card x1
 - USB 3.2 Gen 2 (Type-A) x1
 - Thunderbolt 4 (Type-C) x1
 - 3.5 mm audio jack x1
 - HDMI 2.0a mini x1
 - 10/100/1000 Ethernet (RJ45) x1
 - Optional 12-pin Pogo pin x1 (charge & USB)
 - USB 3.2 Gen 1 (Type-A) x1
 - USB 2.0 (Type-A) x1
 - 10/100/1000 Ethernet (RJ45) x1
 - Serial port (RS232: D-sub, 9-pin) x1
 - 5.5 mm DC in jack x1

- Battery & Charging**
- Li-ion battery, 11.4V, 4700mAh, 6.5h
 - Li-ion battery, 11.1V, 1300mAh
 - Separate RTC 3V/210mAh
 - AC adapter: 100-240V, 50Hz-60Hz, 71.82W (19V/3.78A)

- Expansion Module**
- Optional 2nd NVME PCIe SSD
 - Optional user-definable PCIe module

- 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**
- 407mm (L) x 305.8 mm (W) x 45.5mm (H)

- Weight**
- 3300g

- Accessories**
- Standard: Adapter, Removable battery, Cable AC
 - Optional: Quad charging dock

- 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



Removable Battery



Cable AC



Quad Charging Dock

Optional

CONTACT US

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