



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
- 4700mAh/11.4V+1300mAh/11.4V dual batteries
- Wi-Fi 6, Bluetooth 5.1, 4G/5G LTE
- IP65 high protection level, 1.22m drop resistance



Durability	<ul style="list-style-type: none"> MIL-STD-810H certified 4ft, 26 drops (each side, edge, and corner) IP65 compliant ±4kV contact discharge, ±8kV air discharge 	Security	<ul style="list-style-type: none"> Integrated TPM2.0 Optional HF-RFID (NFC) reader Fingerprint scanner Kensington lock
Operating System	<ul style="list-style-type: none"> Windows 11 Pro Optional Windows 11 Home/IOT 	I/O Interface	<ul style="list-style-type: none"> 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 Optional 12-pin Pogo pin x1 (charge & USB) USB 3.2 Gen 1 (Type-A) x1 USB 2.0 (Type-A) x1 Serial port (RS232: D-sub, 9-pin) x1 5.5 mm DC in jack x1
Processor	<ul style="list-style-type: none"> 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) 	Expansion Module	<ul style="list-style-type: none"> Optional 2nd NVME PCIe SSD Optional user-definable PCIe module
Graphics	<ul style="list-style-type: none"> Intel® Iris® Xe 	Battery & Charging	<ul style="list-style-type: none"> AC adapter: 100-240V, 50Hz-60Hz, 71.82W (19V/3.78A) Li-ion battery, 11.4V, 4700mAh, 6h20min Li-ion battery, 11.1V, 1300mAh Separate RTC 3V/210mAh
Memory	<ul style="list-style-type: none"> 16GB DDR5 SO-DIMM Optional 32GB DDR5 	Environment	<ul style="list-style-type: none"> 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)
Storage	<ul style="list-style-type: none"> 256GB PCIe SSD Optional 512GB/1TB SSD 	Dimension	<ul style="list-style-type: none"> 407 mm(L) × 305.8 mm(W) × 45.5 mm(H)
Display	<ul style="list-style-type: none"> 15.6" FHD (1920x1080), 1000 nits Optional 10-point capacitive touch screen, supports glove touch mode 	Weight	<ul style="list-style-type: none"> 3.52kg
Audio	<ul style="list-style-type: none"> Integrated microphone Integrated 3W speaker Class K 	Accessories	<ul style="list-style-type: none"> Standard: Adapter, Removable battery Optional: Quad charging dock
Camera	<ul style="list-style-type: none"> MF 5.0 MP front camera 	Warranty	<ul style="list-style-type: none"> One-year limited warranty standard
Keyboard & Input	<ul style="list-style-type: none"> Touchpad x1 KB (US) x1 Optional KB (DE)/KB (FR)/KB (EU) 4 buttons 		
Network & Connectivity	<ul style="list-style-type: none"> 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 		

- 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



Removable battery

Optional



Quad Charging Dock

CONTACT US

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