



EM-A15

World-Leading Rugged AI PC



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Unmatched AI Power.



Built for extreme AI workloads, the EM-A15 combines desktop-class performance with field-ready durability. With industry-leading AI compute, powerful graphics, and next-gen connectivity, it delivers uncompromising productivity for mission-critical applications anywhere, anytime.

- AMD Ryzen™ AI MAX+ 395 with overall 126 TOPS AI performance
- Radeon™ 8060S graphics rivaling RTX™ 4060, up to 96 GB shared VRAM
- 64 GB RAM + 512 GB SSD, expandable for local AI and heavy workloads
- 15.6" FHD, 1000 nits anti-glare display for outdoor readability
- Wi-Fi 7, USB 4.0, OCUlink, Gigabit Ethernet ports for advanced industrial connectivity
- IP65 & MIL-STD-810H, dual-fan cooling & dual batteries for all-day, sustained performance



EM-A15 SPECIFICATIONS



Durability	- MIL-STD-810H certified 4ft, 26 drops (each side, edge, and corner) - IP65 compliant ±8kV contact discharge, ±15kV air discharge
Operating System	Windows 11 Pro/Home/IoT
Processor	AMD Ryzen AI Max+ 395 (64MB cache, up to 5.1 GHz, 16 cores, 32 threads)
Graphics	Radeon 8060S Graphics
Memory	64GB LPDDR5 - Optional 128GB LPDDR5
Storage	512GB NVMe PCIe SSD - Optional 1TB PCIe SSD
Display	15.6", FHD (1920x1080), 1000 nits
Audio	- Integrated 3W speaker x2 - Integrated microphone
Camera	FF 5.0 MP front camera
Keyboard & Input	- KB (US) x1, optional KB (DE)/KB (FR)/KB (EU) - Touchpad x1 - Power key x1
Network & Connectivity	- Wi-Fi 7 802.11a/b/g/n/ac/ax/be - Bluetooth® 5.4 - Optional 4G LTE - LTE-FDD: B1/3/5/7/8/20/28 - LTE-TDD: B38/40/41 - WCDMA: B1/5/8 - GSM: / - Optional 4G - LTE-FDD: B2/4/5/12/13/17/25/26 - LTE-TDD: B41 - WCDMA: B2/4/5 - GSM: 850/1900 - Optional 4G - LTE-FDD: B2/4/5/7/8/28 - LTE-TDD: B40 - WCDMA: B2/5/8 - GSM: 850/900/1900 - Optional GPS/GLONASS

Security	- Integrated fTPM2.0 - Kensington lock
Data Capture	Fingerprint scanner
I/O Interface	- USB 3.2 Gen 1 (Type-A) x2 - USB 4.0 (Type-C) x1 - OCULink x1 - HDMI 2.1 Type-A x1 - Fan x2 5.5 mm DC in jack x1 10/100/1000M Ethernet (RJ45) x2 - Serial port (RS232: D-sub, 9-pin) x1 - SIM card x1 3.5 mm audio jack x1 - TF card x1
Expansion Module	Optional 2nd NVMe PCIe SSD
Battery & Charging	- Battery Li-Ion, 11.61V, 6355mAh x2 · 17.1h - Separate RTC 3V/210mAh - PD adapter: 100-240V, 50Hz-60Hz, 230W (19.5V/11.8A)
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	397mm (L) × 300mm (W) × 41mm (H)
Weight	3.56kg
Accessories	- Standard: Adapter - Optional: 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

Optional



Removable Battery

CONTACT US

Shenzhen Emdoor Information Co., Ltd. (Stock Code: 001314)
Tel: +86-(0)755-2372 2880 Email: marketing.info@emdoor.com
Web: www.emdoorugged.com Address: Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen