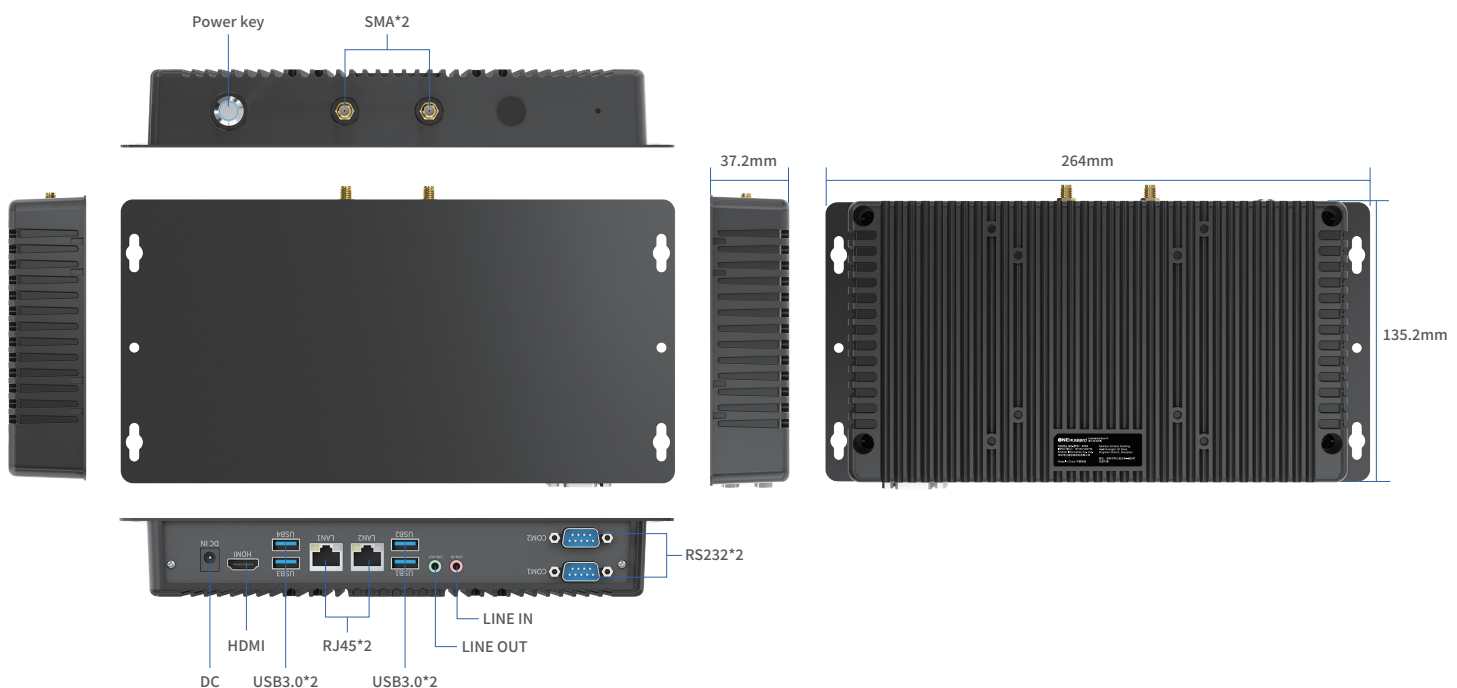




B10A

Embedded Box PC



B10A Embedded Box PC

Core Power. Always On.



Powered by the Intel® Core™ i5–1235U processor with a TPM 2.0 security chip, the B10A comes standard with 16 GB RAM and a 128 GB SSD. Featuring full industrial I/O, Wi-Fi 6 with optional 4G, wide-temperature and wide-voltage operation, and a fanless rugged design, it delivers reliable performance for production line, industrial control, security, and more.

- Intel® Core™ i5–1235U processor + TPM 2.0 enterprise-grade hardware security
- Standard 16 GB + 128 GB, M.2 slot for flexible expansion
- Full industrial I/O: Gigabit Ethernet / serial / USB / HDMI
- Wi-Fi 6 + Bluetooth 5.1, optional 4G with triple-antenna design
- Wide temperature & voltage, anti-interference, OVP protection, 24/7 operation
- Fanless and rugged chassis; panel, wall, and desktop mounting for rapid deployment
- Covers factory automation, industrial equipment control, intelligent security, and more



Durability	- Front Panel IP65 compliant ±8kV contact discharge, ±15kV air discharge	Battery & Charging	- AC adapter: 100–240V, 50Hz–60Hz, 64.98W (19V/3.42A) - Separated 3V/220mAh RTC
Operating System	- Windows 11 Pro - Optional Windows 11 Home/IOT	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)
Processor	Intel i5–1235U (12MB cache, up to 4.4GHz, 10 cores, 12 threads, TDP 15W)	Dimension	264 mm (L) × 135.2 mm (W) × 37.2mm (H)
Graphics	Intel® Iris® Xe Graphics eligible	Weight	1200g
Memory	16GB LPDDR4x on board	Accessories	- Standard: Adapter, Hook, Antenna(Wi–Fi) - Optional: Antenna(4G)
Storage	128GB SATA SSD - Optional 256GB/512GB PCIe SSD	Warranty	One–year limited warranty standard
Audio	Optional 2W speaker	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.	
Keyboard & Input	Power key x1		
Network & Connectivity	- Intel® Wi–Fi 6 (802.11 ax) - Bluetooth® 5.1 - Optional 4G LTE LTE–FDD: B1/3/5/7/8/20 LTE–TDD: B40 WCDMA: B1/5/8 GSM: 900/1800 China (China Unicom, China Telecom, China Mobile), Europe, Middle East, Africa, Taiwan, Japan		
Security	Integrated TPM 2.0		
I/O Interface	- SIM card x1 - USB 3.0 (Type–A) x4 3.5mm audio jack x2 - HDMI 2.0 (Type–A) x1 10/100/1000 Ethernet (RJ45) x2 - Serial port (RS232: D–sub, 9–pin) x2 Optional RS232 x1/RS485 x1 5.5mm DC–in jack x1 (support 12–24V) - SMA x2 (optional SMA x3)		

ACCESSORIES

Standard



Adapter



Hook Assembly



Antenna (Wi-Fi)



Antenna (4G)

Optional

CONTACT US

Shenzhen Emdoor Information Co., Ltd. (Stock Code: 001314)
Tel: (+86)400–830–4882 Email: inquiry@onerugged.com
Web: www.onerugged.com Address: Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen

