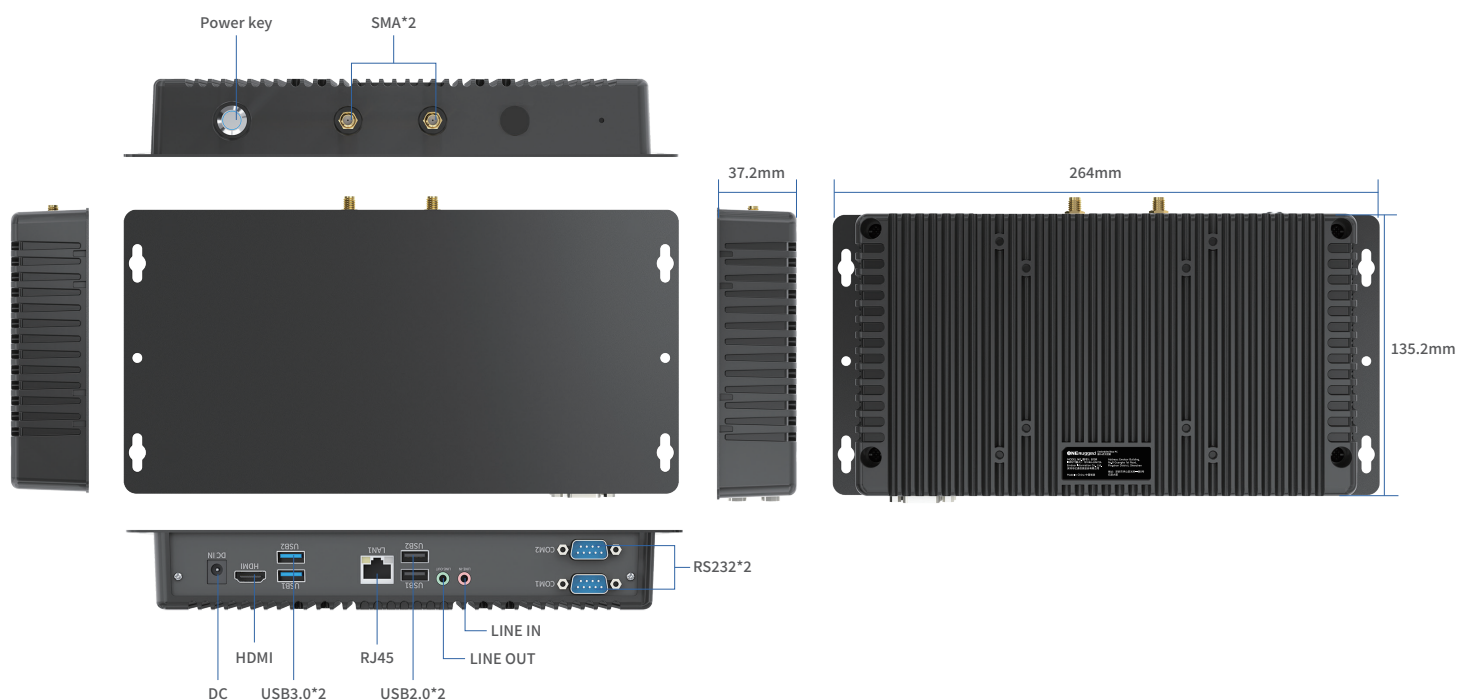




B10R

Embedded Box PC



B10R Embedded Box PC

Built Solid. Ready to Deploy.



Powered by the quad-core Rockchip RK3568 processor, the B10R comes standard with 4 GB RAM + 64 GB storage, and Android 12. Featuring full industrial I/O, Wi-Fi 5, optional 4G, wide-temperature operation, and a fanless design, it delivers reliable 24/7 performance for industrial edge gateways, self-service kiosks, digital signage, and more.

- Rockchip RK3568 quad-core processor, up to 2.0 GHz
- Standard 4 GB LPDDR4x + 64 GB eMMC
- Full industrial I/O: Gigabit Ethernet / serial / USB / HDMI
- Wi-Fi 5 + Bluetooth 5.0, 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 industrial edge gateways, self-service kiosks, digital signage, and more



Durability	- Front Panel IP65 compliant ±8kV contact discharge, ±15kV air discharge	Battery & Charging	- AC adapter: 100–240V, 50Hz–60Hz, 48W (12V/4A) - Separated 3V/220mAh RTC
Operating System	Android 12	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	RK3568 (up to 2.0GHz,4 cores)	Dimension	264 mm (L) × 135.2 mm (W) × 37.2mm (H)
Graphics	Mali–G52–2EE	Weight	671g
Memory	4GB LPDDR4x on board	Accessories	- Standard: Adapter, Hook, Antenna(Wi–Fi) - Optional: Antenna(4G)
Storage	64GB eMMC	Warranty	One–year limited warranty standard
Audio	Optional 2W speaker		
Keyboard & Input	Power key x1		
Network & Connectivity	- Wi–Fi 5 (802.11 ac) - Bluetooth® 5.0 - 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		
I/O Interface	- Micro SD card x1 - SIM card x1 - USB 3.0 (Type–A) x1 - USB 3.0 OTG (Type–A) x1 - USB 2.0 (Type–A) x2 3.5mm audio jack x2 - HDMI 2.0 (Type–A) x1 10/100/1000 Ethernet (RJ45) x1 - 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)		

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



AdapterHook AssemblyAntenna (Wi-Fi)

Optional



Antenna (4G)

CONTACT US

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