P10R

All–In–One Industrial Panel PC

- Equipped with 4–core ARM architecture A55 processor
- Wide voltage and temperature working performance
- Support 802.11a/b/g/n/ac protocol, dual Wi–Fi antennas and Bluetooth 5.0

- 10.1–inch flat capacitive touch panel is impact–resistant
- Rich interfaces, including multiple USB/RS232/LAN/HDMI and other I/O ports
- Designed with a mini PCIe slot for communication module or SSD expansion

IP65 QUALITY PRODUCT

CE

FCC

CCC

P10R SPECIFICATIONS

Android 12

Durability	· Front Panel IP65 compliant
	· ±8kV contact discharge, ±15kV air discharge
Operating System	· Android 12
Processor	· RK3568 (up to 2.0GHz,4 cores)
Graphics	· Mali–G52–2EE
Memory	· 4GB LPDDR4x on board
Storage	· 64GB eMMC
Display	· 10.1", HD (800x1280), 700 Nits
	· 10 point capacitive touch screen
Audio	· Optional 2W speaker
Keyboard & Input	· Power key x1
Network & Connectivity	· Intel® Wi–Fi 5 RTL8822CS（802.11 ac）
	· Bluetooth® V5.0
	· 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 x 1
	· SIM card x 1
	· USB3.0 (typeA) x 1
	· USB3.0 OTG (typeA) x 1
	· USB2.0 (typeA) x 2
	· 3.5mm AudioJack x 1
	· HDMI 2.0 typeA x 1
	· 10/100/1000 Ethernet (RJ45) x 1
	· Serial port (RS232: D–sub, 9–pin) x 2 Optional RS232 x 1/RS485 x 1
	· DC5.5mm–In jack x 1（support 12–24V）
	· SMA x 2
Battery & Charging	· 100–240V, 50Hz–60Hz, 48W
	· Separated 3V/220mAh RTC
Environment	· Operating temperature: –20˚C to 60˚C（–4˚F~140˚F）
	· Storage tmperature: –30˚C to 70˚C（–22˚F~158˚F）
	· Humidity: 95% Non–Condensing
Dimension	· 257.2 mm (L) × 170 mm (W) × 45.95 mm (H)
Weight	· 1.2 kg
Accessories	· Standard: Adapter, Hook Assembly, Antenna
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

Hook Assembly

Antenna (wifi)

Optional

Antenna (4G)

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