RT-Q225MP

12.2" Rugged Android 2-in-1

Model specifications



Shown with optional keyboard.

Display: 12.2-inch
Operating system: Android 14
Protection: IP65
Battery: 3.7 V/12600 mAh; Removable battery

Product Form

Specification	Value
Product Form	12.2" Rugged Android 2-in-1
Dimensions	319.6 × 216 × 24.3 mm
Weight	Approx. 1,500 g (bare unit)
Screen size	12.2 in (16: 10)
Resolution	1920 × 1200 IPS
Brightness	700 nits
Touch Panel	10-point capacitive touch, G+G, Corning Gorilla hardness 7H+, Scratch-resistant, COF, supports compatible stylus
Battery	3.7 V/12600 mAh; Removable lithium-polymer battery
Camera	Front 5 MP / rear 13 MP
Speaker, Microphone	Built-in 8 Ω/1 W Waterproof speaker × 2 Microphone Sensitivity: -42 dB, output impedance: 2.2 kΩ

Hardware Configuration

Specification	Value
CPU	Qualcomm QCM6490
GPU	Qualcomm® Adreno 643 L
RAM	8 GB LPDDR4x
Storage	128 GB UFS
Gravity sensor	Supported
Light sensor	Ambient light sensor
Hall Switch	Hall sensor

System

Specification	Value
Operating System	Android 14

Wireless Connection

Specification	Value
Wi-Fi	Wi-Fi 6E (802.11 ax)
Bluetooth	Bluetooth 5.2
Cellular network	5G: SA/ NSA: n1/3/5/7/8/20/28/38/40/41/77/78/79; 4G: B1/2/3/4/5/7/8/12/17/18/19/20/26/28/32/34/38/39/40/41/42; 3G: B1/2/4/5/6/8/19; 2G: B2/3/5/8
GNSS	supports GPS/GLONASS/BeiDou/Galileo/QZSS
NFC	NFC (ST21)

Data Collection

Specification	Standard	Optional
Barcode scanning		Honeywell N4680

Interfaces

Specification	Value
USB Interfaces	USB 3.0 × 1, USB 2.0 × 2
Headphone	Ø3.5 mm audio jack × 1
Memory card	1 memory-card slot
SIM Card	1 SIM slot
HDMI	HDMI 1.4 mini × 1
DC Interfaces	DC 5 V 4 A Ø3.5 mm power supply interface × 1
POGO PIN	12-pin pogo connector × 1
DB9	DB9 (RS232) × 1, DB9 (RS485) × 1
RJ45	10/100/1000 Mbps Adaptive × 1
Type C Interfaces	USB 2.0 (Type-C) × 1

Other

Specification	Standard	Optional
Power Supply	AC 100 V ~ 240 V, 50 Hz/60 Hz Output: DC 5 V/4 A US plug CE	EU plug, UK plug
Protection and standards	IP65; MIL-STD-810H; CE; CCC; FCC	
Accessories	Strap, Handle, Bracket, 5 V / 4 A Adapter	Charging Dock, Vehicle-mounted Bracket, Removable Battery, Removablekeyboard, Shoulder Strap, 5 V/4 A car Charger

Specifications vary by configuration and region. Confirm the exact configuration in your quotation.