RT-T86X

8" Rugged Android Tablet

Model specifications



Display: 8-inch
Operating system: Android 14 (GMS)
Protection: IP67
Battery: Built-in battery; 3.7 V / 8,500 mAh

Product Form

Specification	Value
Product Form	8" Rugged Android Tablet
Dimensions	225.6 × 144.6 × 21.5 mm
Weight	Approx. 715 g (bare unit)
Screen size	8.0 in
Resolution	800 × 1280
Brightness	700 nits
Touch Panel	10-point multi-capacitive, G+G, Gorilla Glass hardness 7H+, scratch-resistant, supports handwriting
Battery	Built-in lithium-polymer battery; 3.7 V / 8,500 mAh
Camera	Front 5 MP; Rear 13 MP, autofocus with flash
Speaker / Microphone	Built-in 8 Ω/1 W waterproof speaker × 1; Mic sensitivity: -42 dB, output impedance 2.2 kΩ

Hardware Configuration

Specification	Value
CPU	MediaTek MT6789 2 × A76 2.2 GHz, 6 × A55 2.0 GHz
GPU	ARM G57 MC2
RAM	8 GB LPDDR4
Storage	128 GB
Gravity sensor	Supported
Gyroscope	Supported
Light sensor	Ambient light sensor
Flash	Supported
Electronic Compass	Geomagnetic sensor

System

Specification	Standard	Optional
Operating System	Android 14 (GMS)	Android 12 (GMS)

Wireless Connection

Specification	Value
Wi-Fi	Wi-Fi 802.11 b/g/n/a/ac; 2.4 GHz / 5 GHz dual-band
Bluetooth	Bluetooth 5.2; stated transmission distance: 10 m
Cellular network	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B17/B28a/B28b; LTE TDD: B38/B39/B40; WCDMA: B1/B2/B5/B8; GSM: B2/B3/B5/B8
GNSS	Supports GPS/GLONASS/BeiDou/Galileo/QZSS/SBAS; Cold start time: <60 s
NFC	Supports ISO/IEC 14443 A Protocol, stated reading distance: 3-5 cm

Data Collection

Specification	Standard	Optional
Barcode scanning		Zebra SE4710

Interfaces

Specification	Value
USB Interfaces	USB 2.0 × 1
Earphone Jack	Ø3.5 mm audio jack × 1
Memory card	Memory-card slot × 1; Max: 512 GB
SIM Card	SIM slot × 1
DC Interfaces	DC 5 V 3 A Ø3.5 mm power supply interface × 1
POGO PIN	12-pin pogo connector × 1
Type C Interfaces	Type-C × 1

Other

Specification	Standard	Optional
Power Supply	AC 100 V ~ 240 V 50 Hz/60 Hz Output: DC 5 V 3 A EU plug CE; UK plug, CN plug; EU plug, AU Standard	
Protection and standards	IP67; MIL-STD-810H; CE; UN38.3; MSDS; IEC 62133	
Accessories	Strap, 5 V / 3 A Adapter	Charging Dock, Vehicle-mounted Bracket, 5 V / 3 A Car Charger, Tempered Glass Film, Leather Case, Shoulder Strap

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