



# Ruby 10

## 10" Rugged Android™ Tablet

Powered by **MEDIATEK**



### Features

- MediaTek MT8781 (2x Cortex A76 2.2GHz / 6x Cortex A55 2.0GHz)
- Support Android™ 14 (2025), 15 (2026)
- IP65 waterproof and dustproof, 1.2m (4ft.) drop resistance
- Embedded 1D/2D barcode imager and 8M front camera and 13M rear camera
- High mobility with multiple-connectivity including WLAN, BT and WWAN
- Hot-swappable battery system



Android 14



1D/2D  
Barcode



GPS



Wi-Fi 5/6E



NFC  
Payment



HSPA+

### System

CPU	MediaTek MT8781 Octa-core (2x Cortex A76 2.2GHz / 6x Cortex A55 2.0GHz)
OS	Android 14 (2025), Android 15 (2026)
Memory	LPDDR 4X 4GB / 8GB (Optional)
Flash	UFS 2.2 64GB / 128GB (Optional)
GMS	Android 15 (2026) Support

### LCD Display

Size/Type	10.1" IPS TFT LCD
Resolution	800 x 1280 (WXGA)
Brightness(cd/m <sup>2</sup> )	520 cd/m <sup>2</sup>

### Peripherals and Devices

Camera	Front: 8M Rear: 13M AF / 21M(Optional) with Flashlight
Sensor	Accelerometer (G-sensor), Digital Compass, Gyroscope, Ambient light sensor
Navigation	AGPS, GPS/Glonass/Beidou/Galileo
Barcode Scanner	Zebra SE4710 / SE55 (Optional)
Audio & Vibrator	2 x built-in microphone 1 x built-in speaker (2W) 1 x vibrator
OTG	Support

### Wireless

WiFi	WiFi 5 / 6E (Optional)
Bluetooth	BT 5.0 / BT 5.4 (Optional)
WWAN	2G: 850/900/1800/1900 MHz 3G: Bands 1/2/4/5/6/8/9/11/18/19/25/34/39 4G: Bands 1/2/3/4/5/7/8/9/11/12/13/14/17/18/19/ 20/21/25/26/27/28/29/30/32/33/34/38/39/40/41/ 42/48/65/66/67/69/71
NFC	Support (ISO/IEC14443A/B; ISO/IEC15693; Tags T1/2/3/4/5; etc.)

### I/O Interface

SD Slot	1 x microSD card slot (max 512GB)
SIM Socket	Mode 1: 2 x Nano SIM Mode 2: 1 x Nano SIM, 1 x micro SD
USB Port	1 x USB Type-C

### Qualification

Certification	CE, FCC, NCC, and Others by request
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### Durability Features

IP-65 Certified	1.2m (4ft.) drop-resistance
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### Power Supply

Charging	USB Type-C, Pogo pin (Fast Charging)
Power Input	5V/3A or 9V/2A auto detected (USB PD2.0 support)
Battery Capacity	1 x Hot swappable 3.85V 6600mAh 1 x 180mAh internal battery pack

### Key

Physical Buttons	Volume, Barcode Trigger, Power Button
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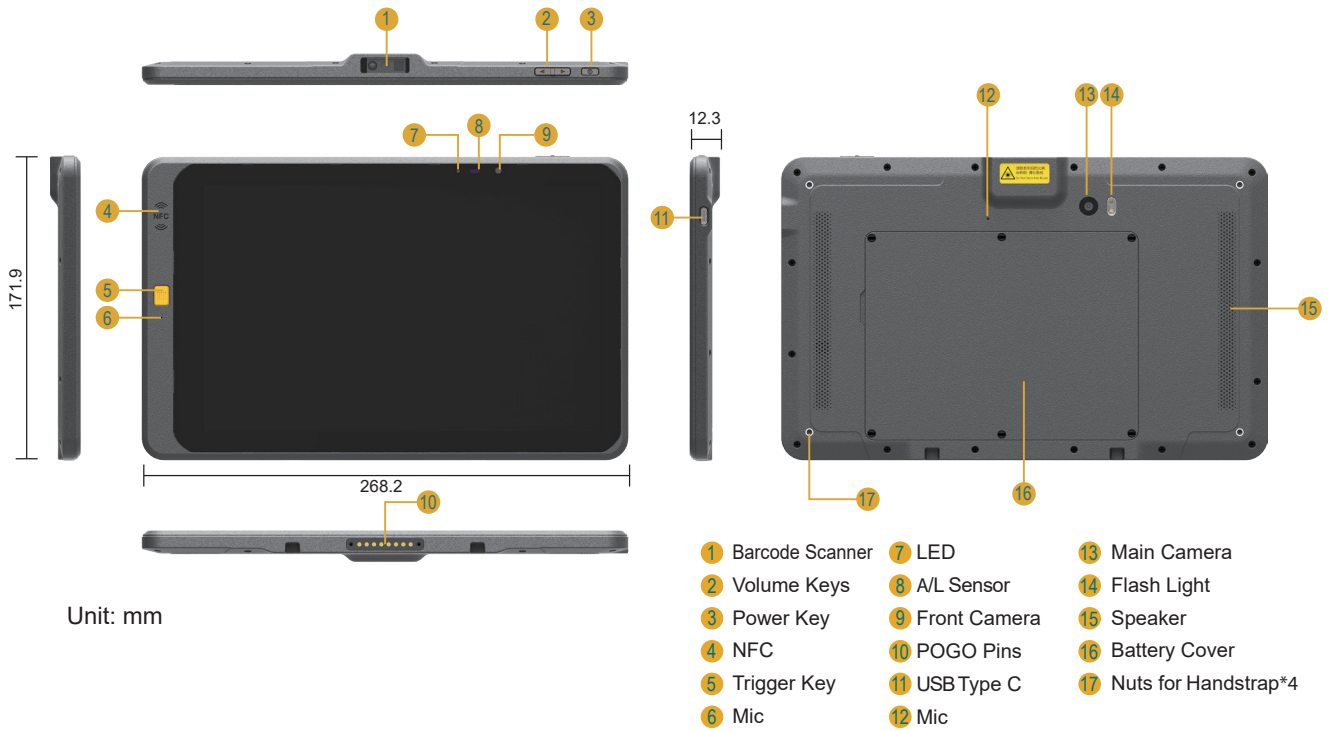
### Mechanical & Environmental

Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
ESD	±15kV air ±8kV contact
Relative Humidity	10% ~ 90%RH
Dimensions (W x H x D)	268.2(W) x 171.9(H) x 12.3(D) mm
Weight	700g (1.54lb)

### Multi-Function Extension

Desktop Dock	
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# Dimension



## Accessories

Battery	1 x Li-ion Battery, 3.85V 6600mAh
Adapter	1 x 18W AC/DC Adapter, support PD2.0
Cable	1 x USB-A to USB-C Cable, L=1m

## Optional Accessories

RT101 Cradle H	Desktop Charging Cradle with LAN, USB Type-A, USB Type-B, Serial Port, and DC Jack	
RT101 Cradle S	Desktop Charging Cradle with USB Type-C for charging	
Hand Strap	Hand Strap	