



Features

- MediaTek MT8391 (2x Cortex A78 2.6GHz / 6x Cortex A55 2.0GHz)
- Android 16 GMS-certified for enhanced app compatibility and security
- 10.1" sunlight-readable with 1000 nits high brightness for outdoor use
- Fully rugged design with IP67 rating
- Designed for rugged environments
- High mobility with comprehensive connectivity options including WLAN, Bluetooth, and WWAN
- Hot-swappable battery system enables uninterrupted 24/7 mobile operation
- Wide temp range (-20°C to 60°C) for cold chain use



System

CPU	MediaTek MT8391 Octa-core (2x Cortex A78 2.6GHz / 6x Cortex A55 2.0GHz)
NPU	9 TOPS (NPU 8.0)
OS	Preloaded with Android 16
RAM (GB)	8GB (LPDDR 5)
Storage (GB)	128GB UFS 3.1
GMS	Support

LCD Display

Size/Type	10.1" IPS TFT LCD
Resolution	1920 x 1200 (WXGA)
Brightness(cd/m2)	1000 cd/m2 (TYP)

Peripherals and Devices

Camera	Front: 8M(Default) Rear: 16M AF(Default) with Flashlight
Sensor	Accelerometer (G-sensor), Digital Compass, Gyroscope, Ambient light sensor
Navigation	AGPS, GPS/Glonass/Beidou/Galileo
Audio & Vibrator	2 x built-in microphone 2 x built-in speaker (2W) 1 x vibrator
OTG	Support

Wireless

WiFi	WiFi 6E
Bluetooth	Bluetooth 5.3 class 1
WWAN	4G LTE or 5G NR as option, support USA carrier certified
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	Nano SIM x 1, eSIM x 1

USB Port	1 x USB 3.2 Type-A, 1 x USB 3.2 Type-C
DP	DPoC via Type-C connector
Audio Jack	1 x Headset
Expansion Bus	1 x (For RFID and Smart Card Reader Module, Thermal Camera) 1 x (For Cradle and Vehicle Dock)
Power	1 x DC-In Jack
Connector	1 x Antenna Connector for GPS

Qualification

Certification	CE, FCC
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Durability Features

IP67 Certified	
MIL-STD-810H ,1.8M resistance onto hardwood	

Power Supply

Power Input	DC-In Jack x1
Battery Capacity	1 x hot swappable 3.85V 13,000mAh 1 x 180 mAh internal battery pack
Battery Life	Up to 12 hours (depending on usage environment)

Key

Physical Buttons	1 x Power On/Off, 2 x Volume + / - (Side), 4 x Programmable Function Keys 2 x Function Keys (Right/Left rear side)
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Mechanical & Environmental

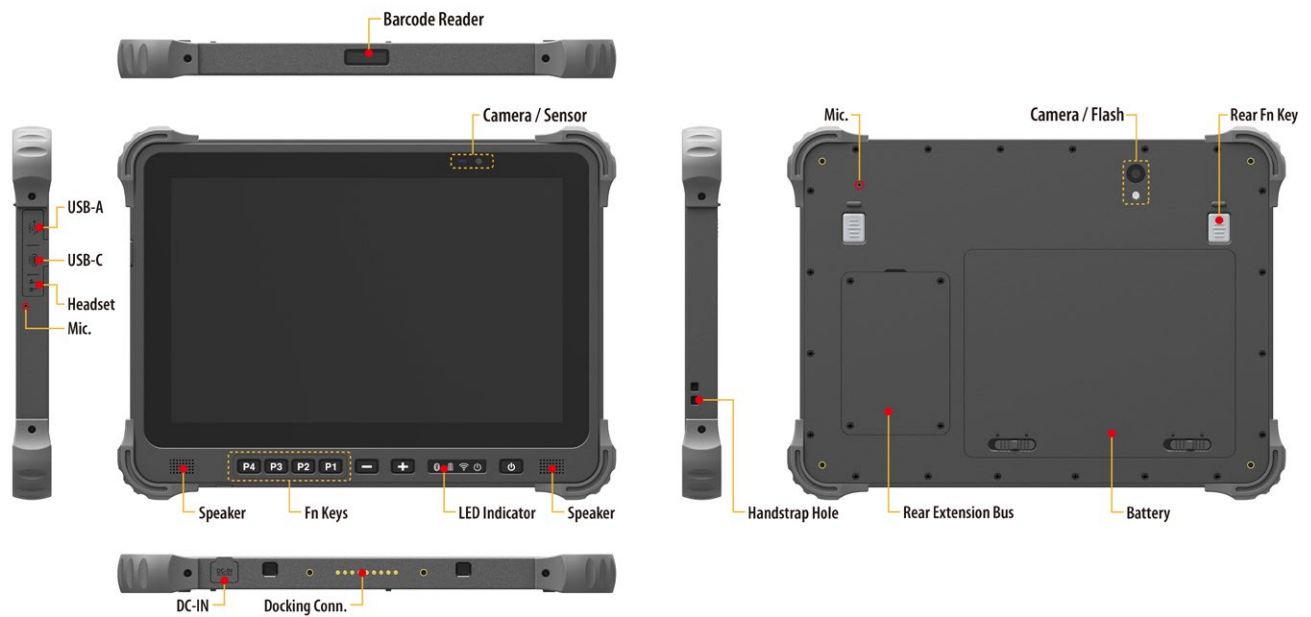
Operating Temp.	-20°C ~ 60°C (14°F ~ 122°F)
Storage Temp.	-30°C ~ 70°C (-22°F to 158°F)
ESD	±15kV air discharge, ±8kV contact
Relative Humidity	10% ~ 90%RH
Dimension	W:262(266) * H:194(197) * D:18.3(21.3) mm
Weight	805g (1.77lb)

Accessories

Standard	1 x Power Charger with cable, 1 x Rechargeable Battery
Optional Accessories	1 x Smart Card Reader or UHF-RFID Reader 1 x Cradle or Vehicle Dock



Dimensions



Accessories

Part Name	Q'ty	Description
Rechargeable Li-ion Battery	1	Rechargeable Li-ion Battery, Rated Capacity 13,000 mAh (50.05Wh)
Adapter	1	12V/3A DC Adapter, Support fast charge up to 21W

Optional Accessories

Part Name	Description	
Vehicle Dock	USB-A (2), Serial, Ethernet Mounting Method RAM ball mounting	
Desktop Cradle	USB-A (2), USB-C (2), Serial, Ethernet, HDMI (1), Kensington lock Stationary Mounting	

All specifications are subject to change without notice.Last update: Mar.3.2026

