

MTA-3101

10" Rugged Android™ Tablet Device



MEDIATEK

Features

- 10.1" IPS TFT LCD 1200*1920(FHD)
- Embedded 1D/2D barcode imager and 8M front camera and 13M rear camera
- High mobility with multiple-connectivity including WLAN, BT and WWAN
- Extremely thinnest industrial tablet under 15mm
- Removable 10000mAh battery
- Hot-swappable battery system provides 24/7 mobile computing
- 1m (3.3ft.) drop resistance
- Fully rugged IP65 to protect from dust and water
- Support Android 11 base



System

CPU	MediaTek MT8788 (8x Cortex A73 2.0GHz / 4x Cortex A53 2.0GHz)
OS	Android™ 11
Memory	4GB (LPDDR 4X)
Flash	64GB/128GB

LCD Display

Size/Type	10.1" IPS TFT LCD
Resolution	1200*1920 (FHD)
Brightness(cd/m2)	400 cd/m2 (MIN)

Peripherals and Devices

Camera	Front: 8M(Default) Rear: 13M AF(Default)/21M(Optional) with Flashlight
Sensor	Accelerometer (G-sensor) Magnetometer Gyroscope Barometer (optional) Ambient light sensor
Navigation	AGPS/GPS/Glonass/Beidou/Galileo
Barcode Scanner	Honeywell 6603
Audio & Vibrator	2 x built-in microphone 1 x built-in speaker (2W) 1 x vibrator
OTG	Support
PTT(Push To Talk)	Support

Wireless

WLAN	2.4G, 5G (Dual band)
Bluetooth	BT 4.2
WWAN	2G: GSM/GPRS: 850/900/1800/1900 MHz 3G:WCDMA: B1/B2/B5/B8 4G:LTE Bands 1/2/3/4/5/7/8/12/17/19/20/28A/28B/34/38/ 39/40/41
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)
HDMI	1 x Micro HDMI
SIM Socket	Mode 1: 2 x Nano SIM Mode 2: 1 x Nano SIM, 1 x micro SD
USB Port	1 x USB Type-A, 1 x USB Type-C

Qualification

Certification	CE, FCC, NCC
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Durability Features

IP-65 certified	1m (3.3ft.) drop-resistance (with rubber tube)
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Power Supply

Charging	USB Type-C, Pogo pin (Fast Charging)
Power input	9V/2A(fast charging) or 5V/2A
Battery capacity	1 x Hot swappable 3.8V 10000mAh 1 x 1000mAh internal battery pack

Key

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

Operating Temp.	-10°C ~ 50°C
Storage Temp.	-30°C ~ 70°C
ESD	±15kV aerial discharge, ±8kV direct contact discharge
Relative Humidity	10% ~ 90%RH
Dimension	W: 246.1*H: 164.2*D:14.9mm
Weight	890g

Multi-function Extension

High precise Navigation	Optional
ID card identification	Optional
Infrared Communication Module	Optional
Cradle	Optional
Short Distance UHF (Range 0~1m)	Optional
Long Distance UHF (Range 10~15m)	Optional

Barcode Scanner



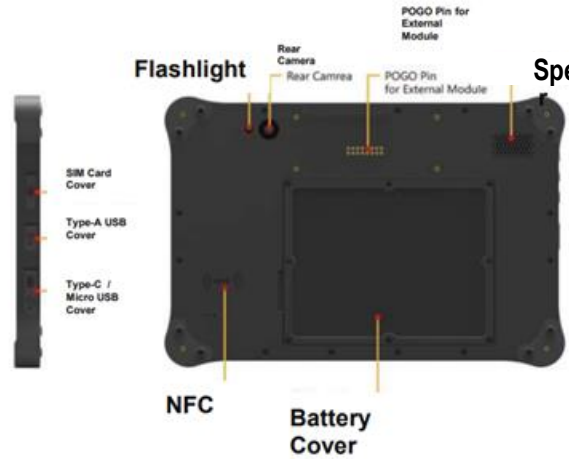
10.1" Touch Panel

Front Camera



Flashlight

Speaker



POGO Pin for Charging



Guidina Hole for Cradle * 2

Accessories

Part Name	Description
Lithium Battery	1 x Lithium Battery
Adapter	1 x 9V2A DC Adapter
Cable	1 x USB-C Cable

Optional Accessories

Part Name	Description	
MTA-3101 Cradle H	Charging Cradle with LAN, USB Type-A, USB Type-B and Serial Port	
MTA-3101 Cradle S	Charging Cradle with USB-C	
Hand Strap	Hand Strap	



Midas Touch

www.midastouchinc.com

All specifications are subject to change without notice. Last update: 10/31/2022



MTA-3101 Cradle H

Specifications

Power supply	
Charge output current	2A
Charging output voltage	DC 12V 2A
Power adapter input	AC 100-240Vac~50/60HZ
I/O	
I/O Port	3 x USB2.0 Type A 1 x USB Type B 1 x RS232
LAN Port	1 x RJ45
Dimension	92.55 X 157.35 X 104.7 (mm)
Gross Weight	398g



MTA-3101 Cradle S

Specifications

Power supply	
Charging output voltage	5V 3A/9V 2A/12V 2A
Power adapter input	AC 100-240Vac~50/60HZ
Mechanical & Environmental	
I/O Port	USB Type-C
Dimension	92.55 X 157.35 X 104.7 (mm)
Gross Weight	344g



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