

MTA-3088+

8" Android Panel PC



Feature

- MediaTek Genio 350 Quad-Core SoC, 4x Cortex A53(2.0GHz)
- Build-in CAN BUS
- 13MP front camera for in-vehicle surveillance
- Multiple I/O including LAN, USB 2.0, and RS-232 support
- Supports Android 13



System

Processor	MediaTek Genio 350 Quad-Core SoC
Architecture	4x Cortex A53(2.0GHz)
Memory	4GB LPDDR4X SDRAM
Storage	64GB EMMC5.1
GPU Core	Mali-G52
Operating System	Android 13
Front Camera	1x 13MP MIPI-CSI camera
Microphone	1 x built-in microphone
Speaker	1 x 8Ω/1W built-in speaker
Decoding	1080P60, H.265/H.264/VP9
Encoding	1080P60, H.265/H.264

Wireless Connectivity

WLAN	IEEE 802.11 ac/a/b/g/n Wi-Fi
WWAN	LTE, Mini PCIE interface (optional)
Bluetooth	Bluetooth 5.0
NFC	1 x 13.56MHz RFID & NFC reader with ISO 14443A/14443B/15693 & mifare
GNSS	AGPS+ /GPS/Glonass/Beidou/Galileo (Optional)

I/O Interface

USB	2 x USB 2.0 Type-A port 1x Micro USB 2.0
DB9 interface	1 x RS-232/422/485 COM port; 1 x RS-232 COM port
Ethernet	1 x RJ-45 Ethernet, 10/100Mbps
PCIe	Mini PCIE interface (USB signal only)
SIM Slot	1 x SIM Card slot
SDIO	1 x microSDHC/microSDXC/ microSD (Max. 256GB) card socket
DIO	3 x DI, 3x DO (dry contact)

CAN	CAN BUS
Power	Tact switch

LCD Display

Size/Type	8" TFT LCD
Resolution	1024 x 600
Brightness (cd/m ²)	450 cd/m ²
Contrast Ratio	700:1(Typ.)
Display Interface	LVDS
View Angle (A/B/R/L)	70°/70°/60°/70° typ.

Touch Screen

Type	Multi-point Projected Capacitive multi-touch
Interface	I ² C

Power Input

DC Input	12V / 2A
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Mechanical & Environmental

Operating Temp.	0°C~50°C
Storage Temp.	0°C~70°C
Operating Humidity	10% ~ 95% at 85° C (relative humidity ; non-condensing)
Protection level	Front bezel design compliant with IP-54 & IK-05
Dimensions(W x H x D)	218.16 x 162.67 x 46.5mm (W x H x D)
Weight	940g (2.07lb)
Regulatory	CE, FCC, NCC

Installation

VESA Mount	75mm x 75mm
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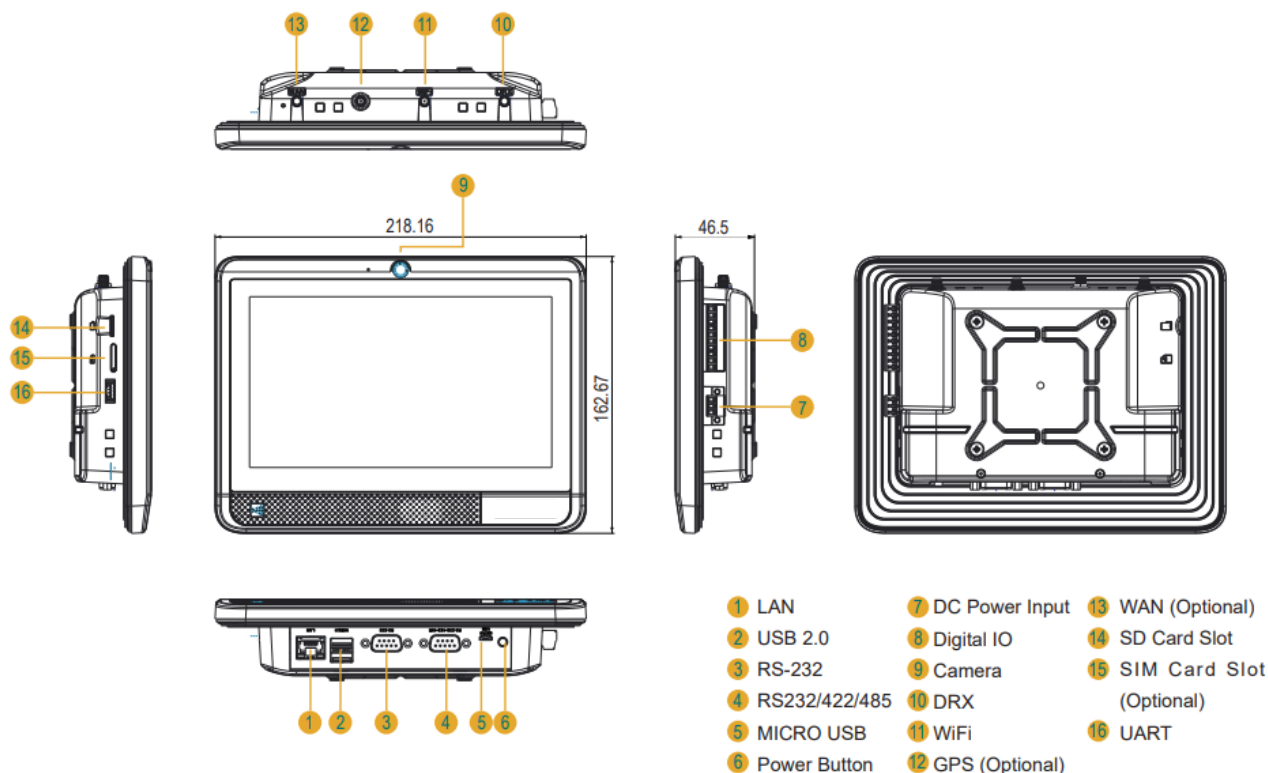
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MTA-3088+

8" Android Panel PC

Dimensions



Ordering Information

Part No.	Description
MTA-3088+	1 x 8" Android Panel PC, 13MP Front camera, WLAN, NFC, and Bluetooth ; 1 x Accessory Kit; (1 x 3-pin DC Terminal Block, Plug with screws; 1 x 10-pin Terminal Block, Plug; 1 x WiFi Antenna)
MTA-3088+ LTE	1 x 8" Android Panel PC, 13MP Front camera, WLAN, NFC, Bluetooth, and Global LTE Module; 1 x Accessory Kit; (1 x 3-pin DC Terminal Block, Plug with screws; 1 x 10-pin Terminal Block, Plug; 1 x WiFi Antenna; 1 x 4G Antenna) Global LTE Module: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM/EDGE: Quad-band Embedded GNSS: GPS/GLONASS/BeiDou/Galileo/QZSS

Optional Accessory

Item	Description
GPS Antenna	GPS Antenna, SMA Plug Male, 1600mm
AC-DC Power Adapter (US)	Input : 100V-240V, Output : 12V/1.5A; W/3-pin Terminal Block with screws, US Plug
4G Module + Antenna (EU)	Input : 100V-240V, Output : 12V/1.5A; W/3-pin Terminal Block with screws, EU Plug



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