



# **KEY** Technology to IoT, **Tablet Pc & Embedded Pc**



**MTA-3080 Android Rugged  
Tablet Sales Kit**



**Midas Touch**

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## MTA-3080 KEY FEATURES

- 1 *Built-in WLAN 802.11a/b/g/n and Bluetooth 4.0 BLE*
- 2
  - *12~24V Wide-range voltage DC-input support*
- 3
  - *Front bezel IP65 water and dust resistance*
- 4
  - *Quad-core ARM Cortex-A9 @ 1.6GHz*
- 5
  - *Flat front bezel with 8" TFT LCD*
- 6
  - *Android 4.4 operating system*
- 7
  - *Built-in CAN 2.0b / OBD-II*



# SPECIFICATIONS



## System

CPU	Quad-core ARM Cortex-A9 1.6GHz
Operating System	Android 4.4
Memory	1GB LPDDR3
Flash	16GB eMMC

## Peripherals and Devices

Camera	2.0 megapixel camera
Audio	1 x built-in speaker (2W) 1 x built-in microphone

## Installation

VESA mount	75mm x 75mm
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## Wireless

WLAN	Integrated IEEE 802.11a/b/g/n
Bluetooth	Bluetooth 4.0 (BLE)
NFC	YES

## I/O Interface

CAN	CAN 2.0b / OBD-II
USB	2 x USB 2.0 High Speed
OTG	1 x Micro USB (OTG)
LAN	1 x 10/100 Mbps
RS-232	1 x RS-232, 1 x RS-232/422/485 (DB-9 male)
DIO Connectors 10PIN	10PIN DIO pin data or CAN bus translate and 8PIN DIO
SD Card	1 x slot, up to 32GB
DC-in	2 pin terminal block
Button	1x Power button(reset function button)

## LCD Display

Size/Type	8" TFT LCD
Resolution	1024(W) x 600(H)
Brightness (cd/m <sup>2</sup> )	400 cd/m <sup>2</sup>
Touch Screen	5 points capacitive touch (PCT)

## Power Input

DC Input	2-pin terminal block 12V-24V Auto-Detection
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## Mechanical & Environmental

Ingress Protection	Front bezel IP-65
Operating Temperature	-10°C ~ 70°C (14°F ~ 158°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Operating Humidity	5% ~ 95% RH
Dimensions(mm)	218.2 (W) x 162.7 (H) x 46.5 (D)



# INPUT/OUTPUT INTERFACE





# MTA-3080 ORDERING INFORMATION

## Ordering Information

Part Name	Description
MTA-3080	8" display, 1024x600 HD resolution, Quad-core 1.6 GHz CPU, Android 4.4, WiFi IEEE 802.11 a/b/g/n, BT4.0 BLE, NFC, 1 x 10/100Mbps Ethernet, 1 x RS232, 1 x RS232/RS422/RS485, CAN 2.0b/OBD II, RoHS, 2 Mega-pixel camera, HFRFID

## Packing Information

Part Name	Item	Description	Q'ty
MTA-3080	Terminal Block connectors	2 Pin DC Terminal Block, PLUG, GREEN	1
		10 Pin Terminal Block, PLUG, GREEN	1
	Antenna	Wi-Fi Antenna	1
	QSG	Quick Start Guide	1

## Optional Accessories list

Part Name	Description	Q'ty
AC-DC power adapter	Input : 100V-240V, Output : 12V/2A	1



AC-DC power adapter

## Functions Support

Part Name	Wide range Voltage	Ethernet	Bluetooth	Wi-Fi	Camera
MTA-3080	V	V	V	V	V





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# VERTICAL MARKET SOLUTIONS



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# MEDICAL



## Bedside Terminal/ Embedded machine in hospital

**MTA-3080** in Medical Market can offer multi-function, as web TV , Internet browsing, facility information service, patient's health record...etc as well as sync up the information to network system, improves amenities of patients, reduces medical staff's burden.

MIC/  
Speaker

----> Nursing support system

ROM

----> Patient data recorder

3G/WIFI/LAN

----> Information Delivery System

ANT+

----> Data record



## Factory Automation

Enhance efficiency, reduce human resource,  
and low cost way to add monitor function

Wide DC range -----> 12~24V supported

CAN bus -----> Used for industrial control

WLAN/LAN -----> For data transferring

IP65 -----> Dust and Water proof





## Home Automation

Residential extension to remote control  
housework or household activity

### Video Door Phone System

Wide DC  
range

MIC/CAM/S  
PK.

WWAN/WLAN

IP65

Door Control

Audio/Visual Entertainment

Environmental Monitoring

Remote Control

Security Alarm

Lighting Control

Control



# FLEET MANAGEMENT



## CANbus of MTA-3080 in car:

- Networking controllers for engine timing, transmission, brakes.
- Multiplex applications such as lighting control, air conditioning, central locking and seat and mirror adjustment.



## Car PC/ Transportation automotive

- Fleet management
- Seatback Panel PC

MIC/  
Speaker

----> Sound control

CAN bus

----> Used for automotive applications

3G/WIFI/GPS

----> Information of location



# BREWERY



## BREWERY AUTOMATION- MTA-3080



- Android 5.1 operating system
- Quad-core ARM Cortex-A9 @ 1.6GHz
- Front bezel IP65 water and dust resistance
- Built-in WLAN 802.11a/b/g/n and Bluetooth 4.0 BLE



“



- Coin → Diamond
- Orange(Sand) → Yellow(Gold)
- Round → Sky/world
- Square → Business principle
- Empty → Humble ourselves

”

# Midas Touch

“Midas Touch” is our brand. When viewed from a distance, our logo is like an ancient Chinese coin, a square encircled by a sphere, which reflects our business principle. Our logo looks like a diamond once you gaze into it. We hope that our partners will truly see our products or solutions like a valuable diamond once you use it!

*Let's shine & let's turn around the world!*



# Midas Touch

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