# KEY rechnology to loT, Tablet Pc & Embedded Pc

### MTA-3080 Android Rugged Tablet Sales Kit



Prepared by: Marketing dept. Date: Q3, 2018



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### MTA-3080 KEY FEATURES

Built-in WLAN 802.11a/b/g/n and Bluetooth 4.0 BLE

- 12~24V Wide-range voltage DC-input support
- Front bezel IP65 water and dust resistance
- Quad-core ARM Cortex-A9 @ 1.6GHz
- Flat front bezel with 8" TFT LCD
- Android 4.4 operating system
- 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)	
Addio	1 x built-in microphone	
	Installation	
VESA mount	75mm x 75mm	
	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		
Mecha	nical & 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**

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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





# VERTICAL MARKET SOLUTIONS







### **Bedside Terminal/ Embedded machine in hospital**

**MTA-3080** in Medical Market can offer multifunction, 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



# MANUFACTURING

### **Factory Automation**

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





# HOSPITALITY

#### **Home Automation** Video Door Phone System Residential extension to remote control Security Alarm MIC/CAM/S Wide DC housework or household activity PK. range Lighting Control **IP65** WWAN/WLAN Control Door Control Audio/Visual Entertainment **Remote Control** Environmental Monitoring



## 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.





Lighting

Air Conditioning





Cluster





Brake

Locks Windows

### **Car PC/ Transportation**

automotive

Fleet management
Seatback Panel PC

MIC/ Speaker CAN bus 3G/WIFI/GPS

- -> Sound control
- -> Used for automotive applications
  - Information of location



# BREWERY

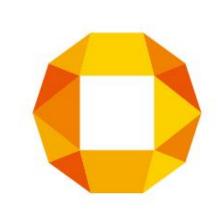




#### **BREWERY AUTOMATION- MTA-3080**

- 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

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- Coin → Diamond
- Orange(sand) -> Yellow(Gold)
- Round → Sky/world
- Square → Business principle

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# 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!



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