

MAV Series 

# MAV0801



## 8" Vehicle High Brightness Windows Mobile Tablet PC



- 8" Windows Tablet System
- Intel® Celeron® N5100 Processor
- 8 inch IPS Screen, 700 nits
- M12 Connector for Power and I/O Ports
- IP65 Waterproof and Dustproof
- Wide Temperature operation: -20 °C to 60 °C



Fleet Management



Vehicle Diagnostic



Agriculture Vehicles



Forklift Application



Logistics Operation

# Specification

## MAV0801

### Display

Display Type	8" IPS TFT LCD
Resolution	800 x 1280
Brightness	700 nits
Touch Panel	5 points Capacitive touch screen

### System

CPU	Intel® Celeron® N5100 Processor
GPU	Intel® HD Graphics Gen 11
Memory	8GB
Storage	128GB eMMC
Operating System	Windows 10
I/O Ports	1 x USB 3.0 Type-A 1 x SIM card slot (optional) 1 x DC jack 1 x PORT1 (M12 for LAN) 1 x PORT2 (M12 for Serial Ports) 1 x PORT3 (M12 for USB 2.0/ CAN)
WiFi	802.11(a/b/g/n/ac), 2.4G+5.8G
4G	4G
Bluetooth	BT5.0 transmission distance: 10m
GPS	GPS, GLONASS

### Physical

Speaker	1 x 2.5W Single Horn
Microphone	Single MIC
Color	Black
Buttons	1 x Power 1 x Volume Key + (F1 Key) 1 x Volume Key - (F2 Key)
Indicator Light	Blue (Power indicator) Red (Power-on indicator) The red light flashes (Low battery indicator)
Battery	1000mAh/7.4V
Using Time	30 mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default )
Standard Accessory	1 x 12V/4A DC φ5.5 Power Adapter 1 x WiFi Rod Antenna 1 x Power adapter Cable 1 x GPS Vehicle Mushroom Antenna 1 x 4G Rod Antenna 1 x M12 Function Adapter Cable 1 (12PIN USB2.0x1 + CAN Busx1) 1 x M12 Function Adapter Cable 2 (12PIN to full function RS232 power line+serial communication 485) 1 x M12 Function adapter cable 4 (12PIN to 100M RJ45) (Need to rebuild 4G small board and add LAN)
Product Dimension	218.1 x 154.5 x 23.0 mm
Product Weight	631g
Packaging Box Dimension	323 x 173 x 62mm
Packaging Box Weight	1028g

### Environment

IP Rating	IP65
Certification	CE/ FCC/ CCC
Operating Temperature	-20°C to 60°C (DC mode) -10°C to 60°C(Battery mode)
Storage Temperature	-30°C to 70°C
Relative Humidity	95% Non-Condensing
Warranty	2 Years

### Overview



### Optional Accessory



**Wide Voltage Module**  
(9-36V Wide Voltage Input, 12V ± 0.5V Constant Voltage Output to Equipment)



**M12 Function Adapter Cable 3**  
(12PIN to full function RS232 power line + serial communication 232)



**M12 Function adapter cable 5**  
(12PIN to 12 loose wires 1.2m to meet the customer's demand for self connection)