

# FM07M

## 7" ARM A53 Android Vehicle Mounted Computer



### KEY FEATURES

- 7" 1024 x 600 panel with projected capacitive MultiTouch screen
- ARM A53 Quad Core 2.0GHz
- Wide power input 9-24V DC with ignition
- M12 waterproof connectors , IP65 waterproof and dustproof
- Shock and vibration resistance according to MIL-STD-810H



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x600	<b>Size</b>	7 inches
<b>Contrast Ratio</b>	700:1	<b>Panel Brightness</b>	1000 nits
<b>View Angles</b>	75,75,75,70	<b>Active Area</b>	153.6x90 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>Processor</b>	ARM A53 Quad Core 2.0GHz	<b>Memory</b>	4GB LPDDR4
<b>Storage</b>	32GB eMMC	<b>Operating System</b>	Android 11
<b>WLAN</b>	Support	<b>WWAN</b>	4G/LTE (Optional)
<b>GPS</b>	GPS/GLONASS (Optional)	<b>RFID</b>	NFC (Optional)
Environment			
<b>Operating Humidity</b>	10% to 95% RH	<b>Operating Temperature</b>	-20°C to 60°C
<b>Storage Temperature</b>	-20°C to 60°C	<b>Shock</b>	MIL-STD-810H Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810H Method 514.6 Procedure I	<b>IP rating</b>	Full IP65
Certification			
<b>Certification</b>	CE, FCC		
Control			
<b>Button</b>	1 x Power Button, 5x Function Button (Programmable Function Key Configured by Winset)		
IO Ports			
<b>USB Port</b>	2 x USB for DB9 1 x Micro USB OTG	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)
<b>SD Card Slot</b>	1 x Micro SD card slot (Max to 32GB)	<b>SIM Card Slot</b>	1 x SIM Card Slot (Optional)
<b>Audio</b>	1x Speaker	<b>LAN</b>	1 x LAN 10/100/1000 Mbps (M12 type)
<b>Indicator</b>	Power	<b>DIDO</b>	DIDO (5XDI ; 3XDO)
<b>CANBUS</b>	1 x CANBus		
Mechanical			
<b>Dimension</b>	190 x 146 x 40 mm	<b>Mounting</b>	RAM Mount/ VESA Mount

Cooling System Fanless Design

## Accessory

### Accessory

User Guide  
M12 LAN Cable, 1.8m  
RS232 Cable, 1.8m  
M12 Power Cable, 1.8m  
USB Cable, 0.3m  
CANBus Cable, 1.8m  
WiFi Antenna x1  
BT Antenna x1  
Power Converter Cable  
Power Adapter

### Optional Accessory

WWAN Antenna x 2 (Optional)  
Audio Cable, 0.3m (Optional)  
GPS Antenna, 3m (Optional)

## Power

Power Rating 9V~24V, with ignition control

## DIMENSIONS

UNIT:MM

