

# FM12Q

## 12.1" Qualcomm Snapdragon™ 660 Android Vehicle Mounted Computer



### KEY FEATURES

- Qualcomm Snapdragon™ 660 octacore, 2.2 GHz CPU
- 12.1" 1024 x 768 Panel with PCAP Touch
- Field replaceable front panel to reduce service costs
- IP65 waterproof and dustproof
- Wide range -30°C to 50°C operating temperature



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	12.1 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	500 nits
<b>View Angles</b>	89,89,89,89	<b>Type</b>	Projected Capacitive Multi Touch
<b>Touch Mode</b>	With Stylus Support With Gloves Support		
System Specification			
<b>Processor</b>	Qualcomm® Snapdragon™ 660 (Octa-Core 2.2 GHz)	<b>Memory</b>	3GB
<b>Storage</b>	32GB	<b>Operating System</b>	Android 9.0
<b>WLAN</b>	Support	<b>BT</b>	Support
<b>WWAN</b>	4G/LTE (Optional)	<b>GNSS</b>	GPS/GLONASS
<b>Sensors</b>	G-Sensor, Temp. Sensor		
Camera			
<b>Front Camera</b>	2MP Camera		
Mechanical			
<b>Dimension</b>	Tablet: 307 x 225 x 41 mm (12.08x 8.85 x 1.61 inches) Docking: 202 x 245 x 52 mm (7.9 x 9.6 x 2.04 inches)	<b>Weight</b>	Tablet 1.7 kg (3.75 lbs) Docking 1.6 kg (3.53 lbs)
<b>Mounting</b>	RAM Mount/ VESA Mount	<b>Cooling System</b>	Fanless Design
<b>Housing</b>	Magnesium alloy housing		
IO Ports			
<b>USB Port</b>	1 x USB 3.0 Type C (OTG)(Tablet) 1 x DB9 Connector for 2 x USB 2.0 Port(Docking)	<b>Serial Port</b>	2 x COM Port(Docking)
<b>SD Card Slot</b>	1 x Micro SD Card Slot(Tablet)	<b>SIM Card Slot</b>	1 x Dual-Nano SIM Card Slot(Tablet)
<b>Audio</b>	2 x Speaker(Docking) 1 x CANBus or 1 x Audio(Docking)	<b>LAN</b>	1 x Gigabit LAN port(Docking)
<b>Indicator</b>	4 x LED Indicator (Wi-Fi, BT, UPS battery, HDD, Screen Blanking, Heater)		
Environment			
<b>Operating Humidity</b>	5% to 95% RH, Non-Condensing	<b>Operating</b>	-30°C to 50°C

<b>Storage Temperature</b>	-30°C to 70°C	<b>Temperature</b>	
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Impact</b>	Support EN62262 IK07 Rating	<b>IP rating</b>	IP65 Certified, Waterproof and Dustproof
		<b>ESD</b>	Compliant with EN 61000-4-2, Enhanced ESD to ±8kV Direct & ±15kV Air
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>Control</b>			
<b>Button</b>	1 x Power Button, 5 x Function Button (Programmable Function Key Configured by Winset)		
<b>Power</b>			
<b>Battery</b>	7.6V UPS Battery (2S1P) Minimum 30 minutes	<b>Power Rating</b>	Docking: 10V-60V with ignition control Tablet: 12V DC In
<b>Security Function</b>			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance		

<b>Accessory</b>			
<b>Accessory</b>	5M Power Cable with Fuse Kit 0.3M USB Cable 0.15M Power Converter Cable DC Jack Power Cable 84W Adapter with power cable Cable Clamp Kit Wi-Fi Antenna x 2 Quick Start Guide External Antenna Fixing Bracket Dock + Latch Locking Key Stylus Kit + Screw	<b>Optional Accessory</b>	1.8M RS232 Cable 0.3M Audio Cable 1.8M CAN BUS Cable 1.8M CAN BUS Open Wire Cable 2M IP65 LAN Cable GPS & LTE 2M Combo Antenna(VM240) GPS & LTE 5M Combo Antenna (VM9C) Magnetic Combo Antenna (VM10S) WWN Antenna HDMI Adapter

## DIMENSIONS UNIT:MM

