

## FM08 Specifications

### Display Specifications

Size	8"(16:9)
Brightness	500 nits
Resolution	800 x 480
Touch	Anti-scratch Resistive touch
Viewing Angle	-80~80 (H) ; -80~80(V)

### System Specification

Processor	Intel Quad-Core Atom E3845 Processors (1.91GHz)
Memory	4GB SODIMM DDR3L-1600 (up to 8GB)
Storage	64GB M.2 MLC SSD (up to 256 GB)

### Wireless Communication

WLAN	802.11 a/b/g/n/ac 802.11 a/b/g/n for Win CE
Bluetooth	Bluetooth 4.0
WWAN	Optional 4G (LTE,HSPA+,GSM/GPRS/EDGE,EV-DO Rev A, 1xRTT) Optional 3G (HSPA+,GSM/GPRS/EDGE)
GPS	Optional u-blox NEO-6Q (located at the vehicle dock)

### Mechanical and Environment

Dimensions (W x L x H)	Computer: 268 x 214 x 32 mm (10.6" x 8.42" x 1.25") Docking: 202 x 245 x 52 mm (7.9" x 9.6" x 2.04")
Net Weight (kg)	Computer 1.6 kg and Docking 1.6 kg *
Operating Temperature	-30°C to 50°C (-22° to 122° F)
Storage Temperature	-30°C to 60°C (-22° to 140°F)
IP Proof	IP65
Operating Humidity	5% to 95% RH, non-condensing
Certifications	CE, FCC, UL60950-1, EN60950-1,PTCRB, FCC (Electromagnetic Emissions), IC (ICES-003)
Shock	Compliant with MIL-STD-810G Method 516.6 Procedure I
Vibration	Compliant with MIL-STD-810G Method 514.6 Procedure I
ESD	Compliant with EN61000-4-2(enhanced ESD to ±12kV direct & ±15kV air)
Housing	Magnesium Alloy housing with fanless design
Impact	Support EN62262 IK07 rating

### I/O Connectors

Computer	1 x SIM Card Slot 1 x SD Card Slot 1 x USB 3.0 1 x 12V DC in power input jack
Dock	1 x COM 1 1 x COM 2 1 x USB 2.0 (support 2 x USB2.0) 1 x CANBUS / AUDIO

1 x 400Mbps LAN port (Optional PoE) as a Power Sourcing Equipment (PSE) support 802.3at Type 2  
 1 x Power Connector  
 SMA Connector for external antenna (WiFi, Optional GPS, Optional WWAN)

<b>Power Management</b>	
Power Input	10V-60V with isolation power and ignition control
Battery	7.4V typ. 3800mAh Li-Polymer Battery (2S1P)
<b>Product Specification</b>	
OS	Windows 10 IoT Enterprise ** Windows Embedded 8.1 Industry Pro ** Windows 7 Professional for Embedded system Windows Embedded Standard 7 Windows Embedded Compact 7 (Windows CE) *(this device does not support the Modern UI/universal apps,only the desktop mode)
Camera	2MP Camera at front side (only available on Windows 7/ 8.1/10 IoT)
<b>Security</b>	
Mobile Device Management	SOTI MobiControl compatible

- \*The weight information is for reference purpose.The actual weight will vary according to then options you choose,for example,the touch/glass option.
- \*\*this device does not support the Modern UI/Universal apps, only the desktop mode