

8" Vehicle Mounted Computer

FM08

Product Features:

- Field replaceable front panel to reduce service cost and prevent productivity loss
- High Performance Intel ATOM platform (E3845 2M Cache, 1.91GHz)
- Support Windows 10 IoT Enterprise, Windows 7 Professional for Embedded system, Windows Embedded 8.1 Industry Pro, or Windows Embedded Standard 7, Windows Embedded Compact 7
- Magnesium Alloy Housing
- Anti scratch resistive touch (finger touch and stylus)
- SMA Connector for external antenna
- Fan-Less & Robust Design
- Wide range Operating Temperature
- QWERTY Keypad



FM08



FM08C (Computer)



FMVD (Dock)

Product Specifications:

System Specification	Processor	Intel Quad-Core Atom E3845 Processors (1.91GHz)
	System Memory	4GB SODIMM DDR3L-1600 (up to 8GB)
Operating System	Storage	64GB M.2 MLC SSD (up to 256 GB)
	Operating System	Windows 10 IoT Enterprise * Windows Embedded 8.1 Industry Pro * Windows 7 Professional for Embedded system (default) Windows Embedded Standard 7 Windows Embedded Compact 7 (Windows CE) <small>* (this device does not support the Modern UI / universal apps, only the desktop mode)</small>
Display Specification	Size / Technology	8" (16:9)
	Resolution	800*480
	Viewing angle	-80~80 (H) ; -80~80(V)
	Brightness	500 nits
Wireless Communication	Touch	Anti scratch Resistive touch and support for finger touch and stylus
	WLAN	802.11 a/b/g/n/ac 802.11 a/b/g/n for Win CE
	Bluetooth	Bluetooth 4.0
	GPS	u-blox NEO-6Q (located at the vehicle dock)
	WWAN	Optional 4G (LTE,HSPA+, GSM/GPRS/EDGE, EV-DO Rev A, 1xRTT) Optional 3G (HSPA+, GSM/GPRS/EDGE)
Data Capture	Camera	2MP Camera at front side (only available on Windows 7/ 8.1 / 10 IoT)
Mechanical and Environment	Dimension (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")
	Housing	Magnesium Alloy housing with fanless design
	Weight	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)
	Humidity	5% to 95% RH, non-condensing
	IP Proof	IP65
	Shock	MIL-STD-810G Method 516.6 Procedure I
	Vibration	MIL-STD-810G Method 514.6 Procedure I
	Certifications	CE, FCC, UL60950-1, EN60950-1
I/O Connectors	ESD	EN 55024:1998 (enhanced ESD to ±8kV direct & ±15kV air)
	Computer	1 x SIM Card Slot , 1 x SD Card Slot , 1 x USB 3.0, 1 x 12V DC in power input jack
Power Management	Dock	1 x COM 1, 1 x COM 2, 1 x USB 2.0, 1 x CANBUS / AUDIO, 1 x 400Mbps LAN port PoE as a Power sourcing equipment (PSE) support 802.3at Type 2, 1 x Power Connector, SMA Connector for external antenna (WiFi, GPS, WWAN(optional))
	Power Input	10V-60V with isolation power and ignition control
	Battery	7.4V typ. 3800mAh Li-Polymer Battery (2S1P)

Renderings :



8" Vehicle Mounted Computer

FM08

Docking Features:

- Wide range power (10V~60V) & Ignition control
- Smart Docking Design
- Built in u-blox NEO-6Q GPS
- High power speaker (3W * 2)
- With LED Reading Light
- Release latch and Key Lock to secure the device
- Power switch, to give power to the device
- VESA 75, 100, and RAM Mount



FM08 – Accessories

Package Contents

Before using this Vehicle Mounted Computer, please make sure that all the items listed below are present in your package:

Computer - FM08	Dock + latch locking key	5 m Power Cable with fuse kit	0.3 m USB Cable	Stylus kit + Screw
98P008A00048	98D000A00003	98K000A0005V	9484098080K0	98K000A0005T
Cable Clamp Kit	WiFi Antenna x 2	User Manual	Driver CD	Spring Terminal Connector
98K000A0005W	39700010000J	91521111100I	91711111101R	604500100000

Optional Accessories

3 m DC Jack Power Cable	1.2 m Power Adapter cable	4.2 m Adapter with power cable	1.8 m RS232 Cable	0.3 m Audio Cable
94J0086020K0	922D120W12V2	98K000A0005U	94G3094090K2	94E215R060K0
1.8 m CAN BUS Y Cable	2 m IP65 LAN Cable	4G/LTE antenna	2 dB WWAN antenna	Fuse Kit
94E2150090K0	94I0080080KF	39700030002H	391000M20200	94JL01L01000
Mounting Kit for keyboard	Device Mounting Kit	Spare Key for Vehicle Dock	UHF Fixed Reader	
98K000A0005X	98K000A0005Y	9B000000007N	9B000000008L	