

FM10A Specifications

Display Specifications

Size	10.4
Brightness	400 nits
Resolution	1024 x 768
Touch	P-CAP multi-touch
Viewing Angle	-88~88(H) ; -88~88(V)

System Specification

Processor	Freescall Cortex A9 i.MX6 Dual Core
Memory	1G LPDDR3
Storage	16GB eMMC

Wireless Communication

WLAN	802.11 a/b/g/n
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 35 mm (10.6" x 8.42" x 1.37") Docking: 202 x 245 x 52 mm (7.9" x 9.6" x 2.04")
Net Weight (kg)	Computer 1.7kg and Docking 1.6kg*
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
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 Micro SD, 1 x USB OTG, 1 x 12V DC in power input jack
Dock	1 x COM 1 1 x COM 2 1 x USB 2.0 port (support 2 x USB2.0) 1 x CAN Bus or 1 x 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, Optional GPS, Optional WWAN)

Power Management

Power Input	10V-60V with isolation power and ignition control
Product Specification	
OS	Android 4.4, Ubuntu 16.04, kernel 3.10.52
Camera	2MP Camera at front side
UPS Battery	7.4V typ. 3800mAh Li-Polymer Battery (2S1P)

- *The weight information is for reference purpose.The actual weight will vary according to then options you choose,for example,the touch/glass option.