

FM07M 7" ARM A53 Android Vehicle Mounted PC

Manufacturer part number: FM07M | Android Vehicle Mounted Computers



Winmate FM07M 7" vehicle-mounted computer combines a compact rugged design with reliable computing for forklifts, warehouse logistics, and industrial vehicles.

Display	
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	7.0 inches
Resolution	1024x0600
Panel Brightness	1000.0 nits
Contrast Ratio	800:1
View Angles	85,85,85,85
Active Area	152.2144x85.92 mm
System Specification	
Processor	ARM A53 (Quad Core 2.0GHz)
Memory	4GB LPDDR4
Storage	eMMC: Onboard 32 GB
Operating System	Android 11 (Upgradeable to Android 13) (Default), Linux Yocto 5.10.104 with QT 5.15 (Optional), Linux Ubuntu Server 22.04 (Optional)
WLAN	Support
WWAN	4G/LTE (Optional)
GPS	GPS/GLONASS
RFID	NFC (Optional)
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	---20 deg C to 60 deg C
Storage Temperature	---20 deg C to 60 deg C
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
IP rating	IP65
Certification	
Certification	CE, FCC
Control	

Button	1 x Power Button, 5x Function Button, (Programmable Function Key Configured by Winset)
IO Ports	
USB Port	2 x USB for DB9 , 1 x Micro USB OTG
Serial Port	1 x RS232/422/485 (Default RS232)
LAN	1 x LAN 10/100/1000 Mbps (M12 type)
Audio	1x Speaker
SD Card Slot	1 x Micro SD card slot (Max to 32GB)
SIM Card Slot	1 x SIM Card Slot (Optional)
Indicator	Power
DIDO	DIDO (5XDI ; 3XDO)
CANBUS	1 x CANBus
Mechanical	
Dimension	190 x 146 x 40 mm
Weight	1.25 kg
Mounting	RAM mount/ VESA mount
Cooling System	Fanless Design
Accessory	
Accessory	User Guide, M12 LAN Cable, 1.8m, RS-232 Cable, 1.8m, M12 Power Cable, 1.8m, USB Cable, 0.3m, CANBus Cable, 1.8m, WLAN 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