

FM07E 7" Windows Vehicle Mounted Computer with Intel Atom(R) x6413E

Manufacturer part number: FM07E | Windows Vehicle Mounted Computers



Explore Winmate FM07E, a vehicle-mounted computer featuring Intel(R) Celeron(R) N6211, 7-inch display with 1024x600 resolution, IP65...

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	Intel Atom x6413E 1.5GHz (up to 3GHz)
Memory	4GB (Default), 8GB (Optional), 16GB (Optional)
Storage	1 x M.2 2242 SSD 128GB (Default), 256GB (Optional), 512GB (Optional)
Ethernet controller	1 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Default), Windows 11 IoT Enterprise LTSC (64 bit) (Optional), Linux Ubuntu 22.04 (Optional)
WLAN	Support
BT	Support
WWAN	4G/LTE (Optional)
GNSS	GPS, GLONASS
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	-20 deg C~60 deg C
Storage Temperature	-20 deg C~60 deg C
Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I
IP rating	IP65, Dustproof and Waterproof
Certification	
Certification	CE, FCC

IO Ports	
USB Port	2 x USB for DB9, 1 x Micro USB
Serial Port	1 x RS232/422/485 (Default RS232)
LAN	1 x Gigabit Ethernet LAN 10/100/1000 Mbps (M12 type)
Audio	1x Speaker
SIM Card Slot	1 x Micro SIM Card Slot
Front Control	5 x Function Key
Indicator	Power, HD
DIDO	DIDO (5XDI ; 3XDO)
CANBUS	2 x CANBUS
Control	
Button	1 x Power Button, 5x Function Button, (Programmable Function Key Configured by Winset)
Mechanical	
Dimension	190 x 146 x 40 mm
Weight	1.25 kg
Mounting	RAM 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 and DIDO Cable, 1.8m, WLAN Antenna, 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-36V, with ignition control
Consumption	Max: 35W