

FM14E-V 14" Windows Vehicle Computer with Intel(R) Elkhart lake x6425E

Manufacturer part number: FM14E-V | Windows Vehicle Mounted Computers



Explore Winmate FM14E-V, a vehicle-mounted computer featuring Intel(R) Celeron(R) N6211, 14-inch display with 1920x1080 resolution...

Display	
Size	14.0 inches
Resolution	1920x1080
Type	Projected Capacitive Multi Touch
Panel Brightness	700.0 nits
Contrast Ratio	800:1
View Angles	85,85,85,85
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Intel Atom x6413E 1.5GHz (up to 3GHz) (Default), Intel Atom x6425E 2GHz (up to 3GHz) (Optional), Intel Atom x7433RE 1.5 GHz (up to 3.4 GHz) (Optional), Intel Atom x7835RE 1.3 GHz (up to 3.6 GHz) (Optional)
Memory	4GB (Default), 8GB(Optional) , 16GB(Optional)
Storage	128GB (Default), 256GB (Optional), 512GB (Optional)
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise LTSC (64 bit) (Default), Windows 11 IoT Enterprise LTSC (64 bit) (Optional)
WLAN	Support
BT	Support
WWAN	4G/LTE (Optional)
GNSS	GPS/GLONASS (Optional)
Sensors	G-Sensor, Light Sensor ,Temp Sensor
Camera	
Front Camera	2MP Camera
Mechanical	
Dimension	342 x 225 x 52 mm
Weight	2.5 kg
Mounting	VESA mount
Cooling System	Fanless Design
IO Ports	

USB Port	1 x USB 3.0 Type C, 1 x USB 2.0 Port
Serial Port	2 x RS232/422/485 (Default RS232)
LAN	1 x Gigabit LAN port (Default), PSE (IEEE 802.3at 30W) (Optional)
Audio	1 x Audio(Mic in & Line Out) either one with DIDO (Optional)
SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x Dual-Nano SIM Card Slot
Indicator	4 x LED Indicator
DIDO	1 x DIDO (2XDI ; 2XDO) either one with Audio (Optional)
CANBUS	1 x CANBus (Optional)
Environment	
Operating Humidity	5% to 90% RH, Non-Condensing
Operating Temperature	-30 deg C to 60 deg C
Storage Temperature	-30 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
Impact	Support EN62262 IK07 Rating
ESD	Compliant with EN 61000-4-2, enhanced ESD to +/-8kV direct & +/-12kV air
Certification	
Certification	CE, FCC, FCC (Electromagnetic Emissions), IC (ICES-003), UL60950-1, EN60950-1, PTCRB
Control	
Button	1 x Power Button, 4 x Function Button, (Programmable Function Key Configured by Winset)
Power	
Battery	400mAh UPS Battery for 20 minutes backup (Optional)
Power Rating	10V~60V with ignition control
Consumption	45W (Typical)
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Accessory	
Accessory	1.8M Power Cable with Fuse Kit, 0.15M Power Converter Cable, DC Jack Power Cable, 84W Adapter with power cable, Quick Start Guide
Optional Accessory	Stylus Kit + Screw, 1.8M RS232 Cable, 2M IP65 LAN Cable, GPS & LTE 5M Combo Antenna (VM9C), GPS & LTE Magnetic Combo Antenna (VM10S), GPS Antenna, WWAN Antenna, 2M Waterproof USB Type-A to A Cable, Cable Clamp Kit, COM Port + CANBus Cable, COM Port + DIDO Cable