

FM12MG-V 12.1" Android Vehicle Computers with Genio 510 A78 + A55 CPU

Manufacturer part number: FM12MG-V | Android Vehicle Mounted Computers



Winmate 12.1" Android forklift computer with Genio 510 A78 + A55 CPU delivers rugged performance and reliable connectivity for warehouse and industrial vehicles.

Display	
Size	12.1 inches
Type	Projected Capacitive Multi Touch
Resolution	1024x768
Panel Brightness	400 nits(Default), 800 (Optional)
Contrast Ratio	1000:1
View Angles	89,89,89,89
Touch Mode	Support Hand, Stylus, Glove Mode
System Specification	
Processor	ARM Genio 510 2 x A78 2.0GHz + 4 x A55 2.0GHz
Memory	4GB
Storage	Onboard 64 GB
Operating System	Android 13 (Default), Linux Yocto 5.10.104 with QT 5.15 (Optional), Linux Ubuntu 22.04 (Optional)
WLAN	Support with Internal Antenna (Default), Either one with External Antenna (Optional)
BT	Support
WWAN	4G/LTE with External Antenna (Optional)
GNSS	GPS/GLONASS with External Antenna (Optional)
Sensors	G-Sensor, Light Sensor ,Temp Sensor
Camera	
Front Camera	2MP Camera
Mechanical	
Dimension	307 x 225 x 57 mm
Docking Housing	nan
Weight	2.5 kg
Mounting	VESA Mount
IO Ports	
USB Port	1 x USB 2.0 Type C (OTG), 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	3 x LED Indicator, (WLAN, UPS battery, Heater)
DIDO	1 x DIDO (2XDI ; 2XDO) either one with Audio (Optional)
CANBUS	1 x CANBus (Optional)
Environment	
Operating Humidity	5% to 95% 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 & +/-15kV Air
Certification	
Certification	CE, FCC
Control	
Button	1 x Power Button, 5 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	35W (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	5M Power Cable with Fuse KitStylus 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