



W12IAN3S-VMM9(HB) 12.1" Intel(R) Processor N150 G-WIN Vehicle Mount Panel PC

Manufacturer part number: W12IAN3S-VMM9(HB) | G-WIN Series / IP67 Design



Explore Winmate W12IAN3S-VMM9(HB), a vehicle-mounted computer featuring Intel(R) Processor N150, 12.1-inch display with 1280x800 resolution, IP65...

System Specification	
Processor	Intel(R) Processor N150 6M Cache, up to 3.60 GHz
Memory	8GB (Default), 16GB (Optional)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional)
Ethernet controller	2 x Intel(R) 2.5 Gigabit Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 24.04(Do not support Wake on Touch) (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Display	
Size	12.1 inches
Touch / Glass	Resistive Touch Screen (Optional), Protection Glass Without Touch Function (Optional)
Optional function	High brightness Panel for sunlight readable (Optional)
Resolution	1280x800
Panel Brightness	400.0 nits
Contrast Ratio	1000:1
View Angles	88,88,88,88
Active Area	261.12x163.2 mm
Mechanical	
Dimension	310 x 215 x 52.7 mm
Weight	2.8 kg
Mounting	VESA mount
Enclosure	Aluminum Housing
Cooling System	Fanless Design
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	-10 deg C to 55 deg C
Storage Temperature	-30 deg C to 70 deg C

Shock	MIL-STD-810G Method 516.6 Procedure I (Optional)
Vibration	MIL-STD-810G Method 514.6 Procedure I
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
USB Port	2 x USB3.2 Gen1x1 (Type-A), 1 x USB 3.2 Gen 2x1 Type C connector,support DP Alt. mode
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI 2.0b (Optional)
Expansion Port	1 x M.2 2230 E-Key Slot (for Wi-Fi module)
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Power Input	1 x 10~60V DC, 3-Pin Terminal Block
Control	
Button	1 x Power Button, 1 x Reset Button, 1 x Brightness Up button, 1 x Brightness Down button
Accessory	
Accessory	Open Wire Cable with terminal block connector, VESA screws
Optional Accessory	100~240V AC to DC 84W Adapter with power cord (Optional)