

R12IAN3S-GSM2(HB) 12.1" G-WIN GS-Series Full IP65 PCAP Panel PC with Intel(R) Processor N150

Manufacturer part number: R12IAN3S-GSM2(HB) | G-WIN Series / IP67 Design



Explore Winmate R12IAN3S-GSM2(HB), an industrial panel PC featuring Intel(R) Processor N150, 12.1-inch display with 1024x768 resolution...

Display	
Touch / Glass	Projected Capacitive Multi Touch Screen (Default), Protection Glass (Optional)
Size	12.1 inches
Resolution	1024x768
Panel Brightness	500 nits(Default), 1000 (Optional)
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	245.76x184.32 mm
System Specification	
Processor	Intel(R) Processor N150 6M Cache, up to 3.6 GHz
Memory	8GB (Default), 16GB (Optional)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional)
Ethernet controller	1 x Intel(R) 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 (Optional)
WLAN	(Optional)
BT	(Optional)
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	-15~55 deg C
Storage Temperature	-30 deg C to 60 deg C
Shock	40g for 11ms
Vibration	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz
IP rating	IP65, Dustproof and Waterproof
Certification	
Certification	CE, FCC, Compliant with MIL-STD-810F/G for vibration / shock

IO Ports	
USB Port	1 x USB 2.0 (M12 type)
Serial Port	1 x RS232/422/485 (Default RS232)(M12 type)
LAN	1 x LAN-10/100/1000 (M12 type)
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Mechanical	
Dimension	296.2 x 226.7 x 45.5 mm
Mounting	VESA mount (Default), Front IP65 Panel mount (Optional)
Enclosure	Aluminum
Cooling System	Fanless Design
Power	
Power Rating	9-36V DC (M12 type)
Accessory	
Accessory	Quick Start Guide (Hardcopy), M12 Power Cable, M12 Serial Interface Cable, M12 USB/ LAN Cable, I/O Protective Cap x 3
Control	
Button	1 x Power Button, 1 x Reset Button