

R12IAN3S-GCM2(HB) 12.1" G-WIN GC-Series Front IP65 PCAP Panel PC with Intel(R) Processor N150

Manufacturer part number: R12IAN3S-GCM2(HB) | G-WIN Series / IP67 Design



Explore Winmate R12IAN3S-GCM2(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
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	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 (Optional)
WLAN	(Optional)
BT	(Optional)
Environment	
Operating Humidity	10% to 90% (Non-Condensing)
Operating Temperature	0~50 deg C
Storage Temperature	-30 deg C~70 deg C
Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6
IP rating	Front IP65
Certification	
Certification	CE, FCC

IO Ports	
USB Port	2 x USB3.2 Gen2 x 1 (Type-A), 1 x USB 3.2 Gen 2x1 Type C
Serial Port	1 x RS232(Default)/422/485 ((Default RS232)
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI 2.0b, Max resolution up to, 4096x2160@60Hz (Optional), 1 x USB Type C ,support DP Alt. mode.Max resolution up to 4096 x 2160@60Hz
Audio	2 x Speaker
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
Accessory	
Accessory	User Manual(Hardcopy) , AC Adapter , Power Cable
Power	
Power Rating	12V DC input (Default), 9~36V DC input (Optional)
Control	
Button	1 x Power Button, 1 x Reset Button