

W22IAD7T-GCA3 21.5" Intel(R) Core(TM) i9 / i7/ i5 / i3 (Alder Lake S) G-WIN GC Series Front IP65 PCAP Panel PC

Manufacturer part number: W22IAD7T-GCA3 | G-WIN Series / IP67 Design



Explore Winmate W22IAD7T-GCA3, an industrial panel PC featuring Intel(R) Core(TM) i9, 21.5-inch display with 1920x1080 resolution...

Display	
Size	21.5 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1920x1080
Panel Brightness	250.0 nits
Contrast Ratio	3000:1
View Angles	89,89,89,89
Active Area	476.64x268.11 mm
System Specification	
Processor	Intel(R) Core(TM) i3-12100TE(up to 4.00GHz) (Default), Intel(R) Core(TM) i5-12500TE(up to 4.3GHz) (Optional), Intel(R) Core(TM) i7-12700TE(up to 4.6GHz) (Optional), Intel(R) Core(TM) i9-12900TE(up to 4.80GHz) (Optional), Intel(R) Core(TM) i3-14100T(up to 4.4GHz) (Optional), Intel(R) Core(TM) i5-14500T(up to 4.8GHz) (Optional), Intel(R) Core(TM) i7-14700T(up to 5.2GHz) (Optional), Intel(R) Core(TM) i9-14900T(up to 5.5GHz) (Optional)
Chipset	Intel(R) R680E
Memory	2 x non-ECC SO-DIMM RAM, up to 64GB (32GB per DIMM)
Storage	128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 4TB, 2 x SATA III for 2.5" SSD/HDD up to 2TB(RAID Support) (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	0 deg C to 50 deg C
Storage Temperature	-20 deg C to 60 deg C
Shock	MIL-STD-810G Method 516.6 Procedure I

Vibration	MIL-STD-810G Method 514.6 Procedure I
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
USB Port	4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670E version), 4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610E version)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x DP1.4a DP++ , Max resolution up to, 4096x2160@60Hz (Default), 1 x HDMI 2.0b , Max resolution up to, 4096x2160@60Hz (Optional)
Audio	1 x Mic in, 1 x Line out, 2 x Speaker
Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD), 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
Brightness Knob	1 x Brightness Adjustment Knob
Mechanical	
Dimension	530 x 322 x 62 mm
Mounting	VESA mount, Panel mount
Enclosure	Metal Housing with Plastic Bezel
Cooling System	Fan Design
Accessory	
Accessory	Quick Start Guide(Hardcopy) , AC Adapter , Power Cable
Control	
Button	1 x Power Button, 1 x Reset Button
Power	
Power Rating	12V DC in