

W22IF7T-GCA3 21.5" Intel(R) Core(TM) i3/i5/i7 G-WIN GC Series Front IP65 PCAP Panel PC

Manufacturer part number: W22IF7T-GCA3 | G-WIN Series / IP67 Design



Explore Winmate W22IF7T-GCA3, an industrial panel PC featuring Intel(R) Core(TM) i3/i5/i7, 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 Core i7-9700TE 1.8GHz (up to 3.8GHz) (Default), Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional), Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional)
Chipset	Intel(R) Q370
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, 2 x SATA III for 2.5" SSD/HDD support RAID 0,1 (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 20.04 (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 USB3.2 Gen.2x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x Giga LAN RJ45 Connector
Video	1 x DP1.2 (Default), 1 x HDMI 1.4 (Optional)
Audio	1 x Mic in, 1 x Line out, 2 x Speaker
Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD) (Default), 1 x PCIe x 16 (Optional)
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