

# W22IF7T-GCA3

## 21.5" Intel® Core™ i3/i5/i7 G-WIN GC Series Front IP65 PCAP Panel PC



### KEY FEATURES

- 21.5" 1920 x 1080 with P-CAP touchscreen
- Intel® 9th Generation Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- DP Support 4096 x 2304@60Hz
- HDMI Support 4096 x 2304@24Hz



### SPECIFICATIONS

Display			
<b>Resolution</b>	1920x1080	<b>Size</b>	21.5 inches
<b>Contrast Ratio</b>	3000:1	<b>Panel Brightness</b>	250 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	476.64x268.11 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>Processor</b>	Intel® Core™ i7-9700TE (12M Cache, up to 3.80 GHz) Intel® Core™ i5-9500TE (9M Cache, up to 3.60 GHz) Intel® Core™ i3-9100TE (6M Cache, up to 3.20 GHz)	<b>Chipset</b>	Intel® Q370
<b>Memory</b>	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, up to 64GB (Optional)	<b>Storage</b>	1 x M.2 2242 B-key SSD 64GB M.2 2242 B-key SSD up to 512GB (Optional) M.2 2280 NVME SSD, up to 4TB (Optional) 2 x SATA III support RAID 0,1 (Optional)
<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM	<b>Security</b>	TPM 2.0
<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)	<b>WLAN</b>	802.11 a/b/g/n/ac (Optional)
<b>BT</b>	BT Support (Optional)		
Environment			
<b>Operating Humidity</b>	10% to 90% (Non-Condensing)	<b>Operating Temperature</b>	0~50°C
<b>Shock</b>	40g for 11ms	<b>Vibration</b>	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz
<b>IP rating</b>	Front IP65		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	4 x USB3.2 Gen.1 (Type-A)	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232 1 x RS232 (Optional)
<b>Video</b>	1 x DP1.2 1 x HDMI 1.4 (Optional)	<b>Audio</b>	1 x Mic in 1 x Line out 2 x Speaker

**Expansion Port** 2 x M.2 slot(1 for WiFi, 1 for SSD)  
1 x PCIe 16 (Optional)

**LAN** 2 x Giga LAN RJ45 Connector

**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 (100 x 100mm) (75 x 75mm), Panel Mount

**Enclosure** Metal Housing with Plastic Bezel

**Cooling System** Fan Design

### Accessory

**Accessory** Quick Start Guide(Hardcopy)  
Driver CD & User Manual  
AC Adapter  
Power Cable

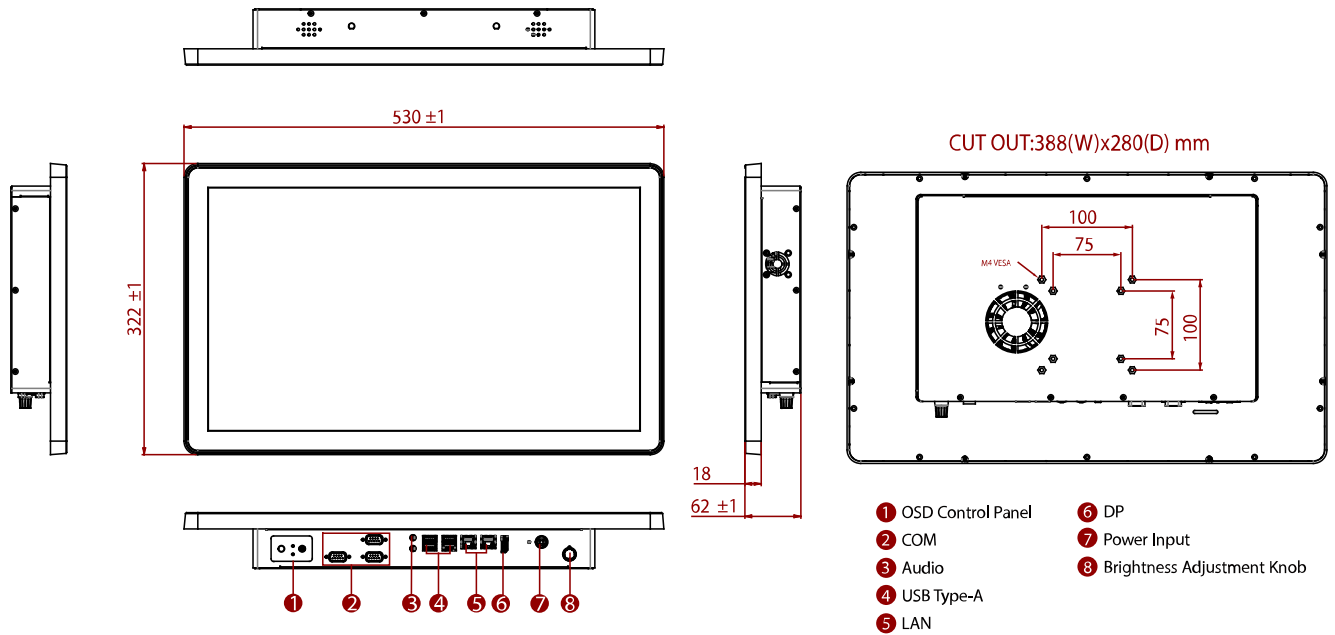
### Control

**Button** 1 x Power Button  
1 x Reset Button

### Power

**Power Rating** 12V DC input

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.