

# R19IF7T-GCM1

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



### KEY FEATURES

- 19" 1280 x 1024 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 an edge-to-edge design
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 4096 x 2304 @ 24 H

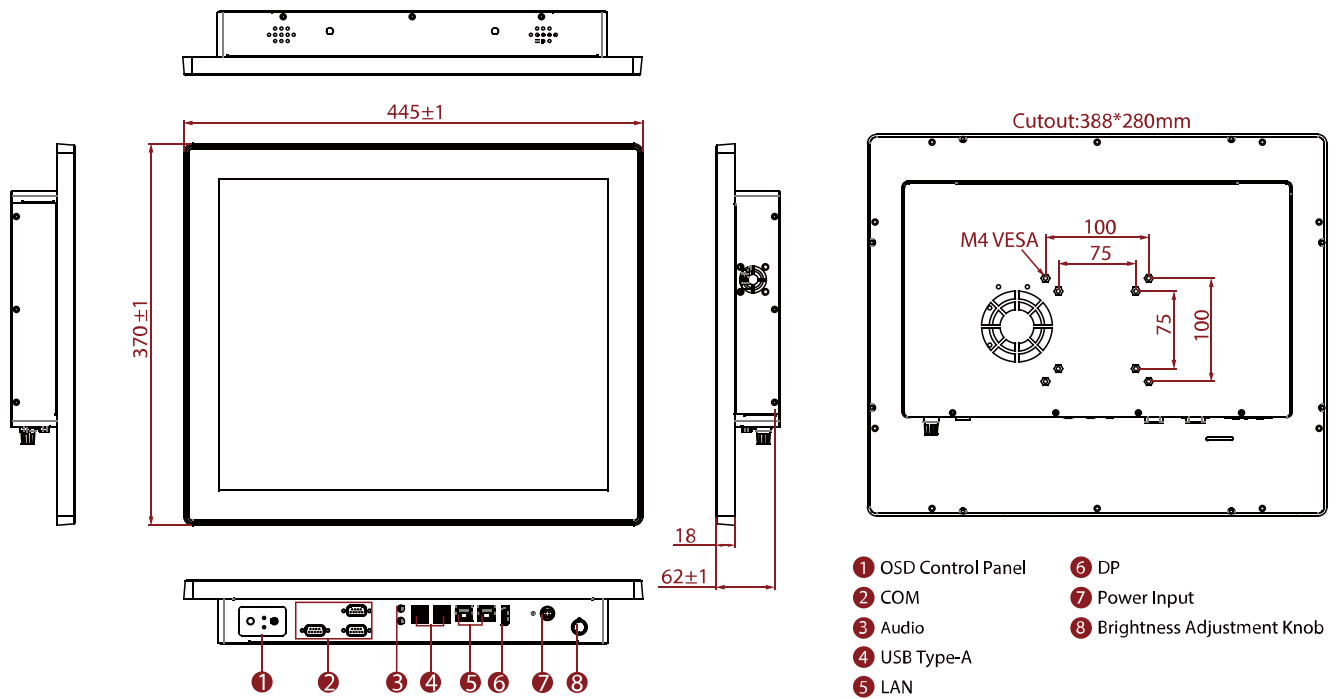


### SPECIFICATIONS

| Display                    |  |                              |  |
|----------------------------|--|------------------------------|--|
| <b>Resolution</b>          | 1280x1024  |                              |  |
| <b>Contrast Ratio</b>      | 1000:1   |                              |  |
| <b>View Angles</b>         | 85,85,80,80  |                              |  |
| <b>Touch / Glass</b>       | Projected Capacitive Multi Touch Screen  |                              |  |
| <b>Size</b>                | 19 inches  |                              |  |
| <b>Panel Brightness</b>    | 250 nits   |                              |  |
| <b>Active Area</b>         | 376.32x301.06 mm   |                              |  |
| System Specification       |  |                              |  |
| <b>Processor</b>           | Intel® Core™ i7-9700TE (12M Cache, up to 3.80 GHz, LGA plugable CPU)<br>Intel® Core™ i5-9500TE (9M Cache, up to 3.60 GHz, LGA plugable CPU)<br>Intel® Core™ i3-9100TE (6M Cache, up to 3.20 GHz, LGA plugable CPU) | <b>Chipset</b>               | Intel® H310  |
| <b>Memory</b>              | 1 x SO-DIMM, DDR4 2400 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional)<br>2 x SO-DIMM, DDR4 2400 MHz, 4GB (Optional)<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional)<br>64GB (Optional)   | <b>Storage</b>               | 1 x M.2 2242 B-key SSD 128GB<br>M.2 2242 B-key SSD up to 512GB (Optional)<br>M.2 2280 M-Key NVME SSD, up to 4TB (Optional)<br>2 x SATA III support RAID 0,1 (Optional) |
| <b>Ethernet controller</b> | 2 x Intel® Ethernet Controller   | <b>Security</b>              | TPM 2.0  |
| <b>Operating System</b>    | Windows 10 IoT Enterprise (Optional)<br>Linux Ubuntu 20.04 (Optional)  | <b>WLAN</b>                  | Support (Optional)   |
| <b>BT</b>                  | Support (Optional)   |                              |  |
| Environment                |  |                              |  |
| <b>Operating Humidity</b>  | 10% to 90% (Non-Condensing)  | <b>Operating Temperature</b> | 0~50°C   |
| <b>Storage Temperature</b> | -20~60°C   | <b>Shock</b>                 | MIL-STD-810G Method 516.6  |
| <b>Vibration</b>           | MIL-STD-810G Method 514.6  | <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)<br>1 x RS232   |

|                       |   |                        |   |
|-----------------------|---|------------------------|---|
| <b>Video</b>          | 1 x DP1.2<br>1 x HDMI 1.4 (Optional)  | <b>Audio</b>           | 1 x RS232 (Optional)<br>1 x Mic in<br>1 x Line out<br>2 x Speaker |
| <b>Expansion Port</b> | 2 x M.2 slot(1 for WiFi, 1 for SSD)<br>1 x PCIe 16 (Optional)                       | <b>LAN</b>             | 2 x Giga LAN RJ45 Connector                                       |
| <b>Indicator</b>      | 1 x LED Indicator for power<br>1 x LED Indicator for storage                        | <b>Brightness Knob</b> | 1 x Brightness Adjustment Knob                                    |
| <b>Mechanical</b>     |   |                        |   |
| <b>Dimension</b>      | 445 x 370 x 62 mm   | <b>Mounting</b>        | VESA Mount (100 x 100mm) (75 x 75mm), Panel Mount                 |
| <b>Enclosure</b>      | Metal Housing with Plastic Bezel  | <b>Cooling System</b>  | Fan Design  |
| <b>Accessory</b>      |   |                        |   |
| <b>Accessory</b>      | Quick Start Guide(Hardcopy)<br>Driver CD & User Manual<br>AC Adapter<br>Power Cable |                        |   |
| <b>Control</b>        |   |                        |   |
| <b>Button</b>         | 1 x Power Button<br>1 x Reset Button  |                        |   |
| <b>Power</b>          |   |                        |   |
| <b>Power Rating</b>   | 12V DC input  |                        |   |

## DIMENSIONS UNIT:MM



## NOTE

1. 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.