

# W22IF7T-OFA3

## 21.5" Intel® Core™ i3/i5/i7 (Coffee Lake Refresh) Open Frame Panel PC



### KEY FEATURES

- 21.5" 1920 x 1080 Resistive touchscreen
- Intel® 9th Gen. Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Flexible storage devices, one 2.5-inch HDD and one SSD
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- 12 V DC Power input
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 4096 x 2304 @ 24 Hz

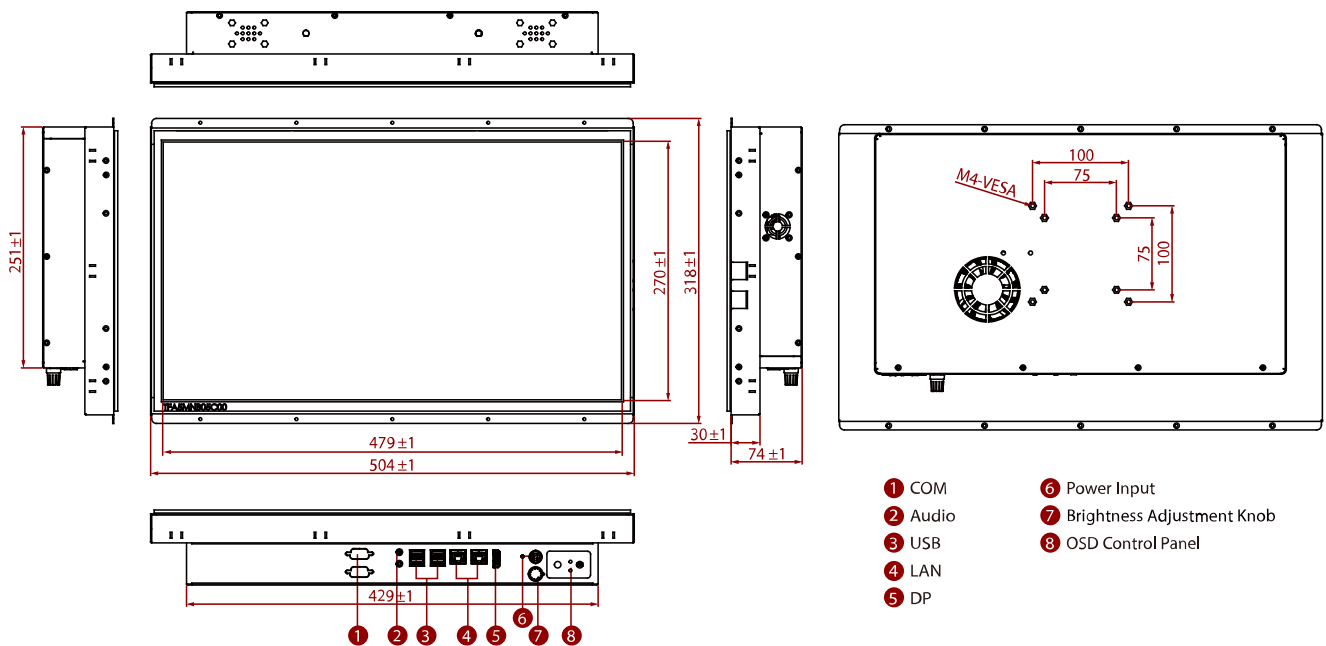


### SPECIFICATIONS

| Display                      |   |
|------------------------------|---|
| <b>Resolution</b>            | 1920x1080   |
| <b>Contrast Ratio</b>        | 3000:1  |
| <b>View Angles</b>           | 89,89,89,89   |
| <b>Touch / Glass</b>         | Resistive Touch Screen<br>Protection Glass w/o Touch Function (Optional)  |
| <b>Size</b>                  | 21.5 inches   |
| <b>Panel Brightness</b>      | 250 nits  |
| <b>Active Area</b>           | 476.64x268.11 mm  |
| System Specification         |   |
| <b>Processor</b>             | Intel® Core™ i7-9700TE (12M Cache, up to 3.80 GHz)<br>Intel® Core™ i5-9500TE (9M Cache, up to 3.60 GHz)<br>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<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional)<br>2 x SO-DIMM, up to 64GB (Optional)   |
| <b>Storage</b>               | 1 x M.2 2242 B-key SSD 64GB<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>   | Intel® Ethernet Controller I211-AT +<br>Intel® Ethernet Connection I219-LM  |
| <b>Security</b>              | TPM 2.0   |
| <b>Operating System</b>      | Windows 10 IoT Enterprise (Optional)<br>Linux Ubuntu 18.04 (Optional)<br>Linux Ubuntu 20.04 (Optional)  |
| <b>WLAN</b>                  | Support (Optional)  |
| <b>BT</b>                    | Support (Optional)  |
| Mechanical                   |   |
| <b>Dimension</b>             | 504 x 318 x 74 mm   |
| <b>Mounting</b>              | Open Frame panel mount<br>VESA Mount  |
| <b>Enclosure</b>             | Metal Housing   |
| <b>Cooling System</b>        | Fan design  |
| Environment                  |   |
| <b>Operating Humidity</b>    | 10% to 90% (non-condensing)   |
| <b>Operating Temperature</b> | 0~50°C  |
| <b>Storage Temperature</b>   | -10~60°C  |
| Certification                |   |
| <b>Certification</b>         | CE, FCC   |

| IO Ports               |  |                       |   |
|------------------------|--|-----------------------|---|
| <b>Power Input</b>     | 1 x 12V DC, Din4 pin connector   | <b>USB Port</b>       | 4 x USB3.0 (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 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   |                       |   |
| Control                |  |                       |   |
| <b>Button</b>          | 1 x Power Button<br>1 x Reset Button   |                       |   |
| Accessory              |  |                       |   |
| <b>Accessory</b>       | 100~240V AC to DC Adapter<br>Power Cord<br>Driver CD & Manual<br>VESA screws |                       |   |
| Power                  |  |                       |   |
| <b>Power Rating</b>    | 12V DC (Lockable Power Jack)   | <b>Adapter</b>        | 12V 120W  |

## 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.