

# W24IF7T-CHA2

## 23.8" Intel® Core™ i3/i5/i7 Chassis Panel PC



### KEY FEATURES

- 23.8" 1920 x 1080 Resolution
- Intel® 9th Gen. Core™ i3/i5/i7 Processor (Coffee Lake Refresh)
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- 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 @ 60Hz
- HDMI Support 2560 x 1600 @ 60 Hz

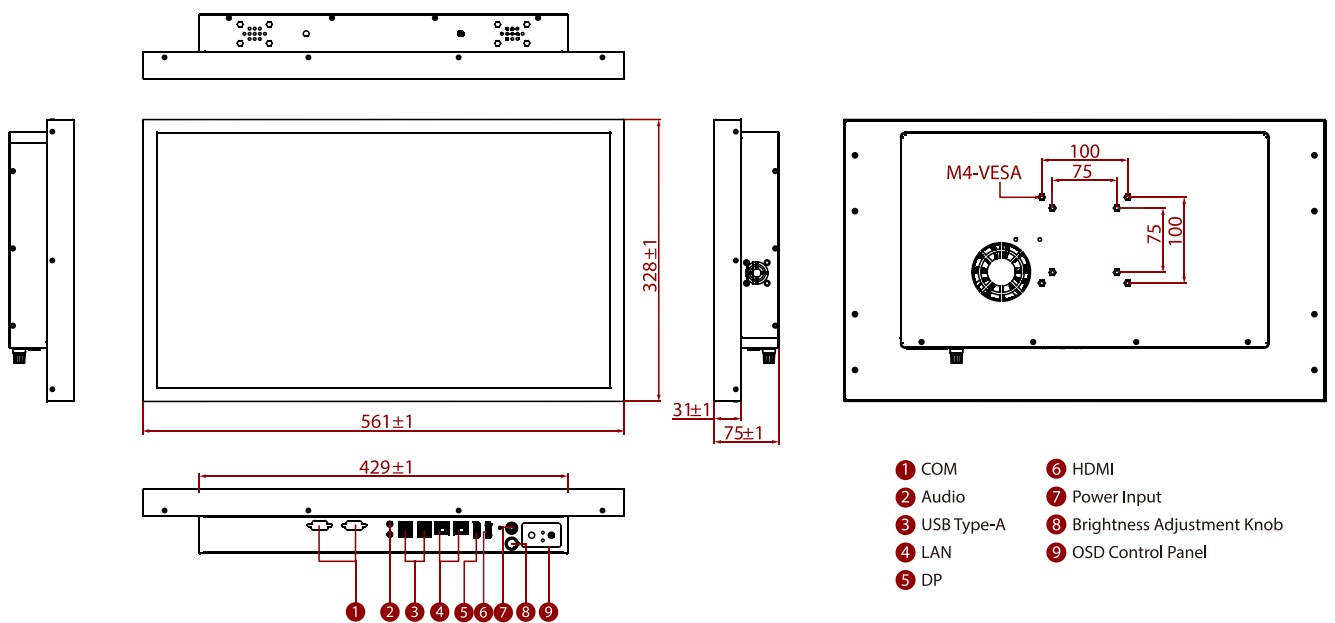


### SPECIFICATIONS

| 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 (Optional)<br>Protection Glass Without Touch Function (Optional)  |
| <b>Size</b>                  | 23.8 inches  |
| <b>Panel Brightness</b>      | 250.0 nits   |
| <b>Active Area</b>           | 527.04x296.46 mm   |
| System Specification         |  |
| <b>Processor</b>             | Intel Core i7-9700TE 1.8GHz (up to 3.8GHz)<br>Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional)<br>Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional)   |
| <b>Chipset</b>               | Intel® B360(No vPRO)<br>Intel® Q370(Support vPRO and NVMe) (Optional)  |
| <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 (64 bit) (Optional)<br>Linux Ubuntu 20.04 (Optional)   |
| <b>WLAN</b>                  | Support (Optional)   |
| <b>BT</b>                    | Support (Optional)   |
| Mechanical                   |  |
| <b>Dimension</b>             | 561 x 328 x 75 mm  |
| <b>Mounting</b>              | VESA Mount   |
| <b>Enclosure</b>             | Metal Housing  |
| <b>Cooling System</b>        | Fan design   |
| Environment                  |  |
| <b>Operating Humidity</b>    | 10% to 90% RH, Non-Condensing  |
| <b>Operating Temperature</b> | 0°C to 50°C  |
| <b>Storage Temperature</b>   | -10°C to 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 USB3.2 Gen1x1 (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 x16 (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>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. 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.
3. All specifications are subject to change without prior notice.