

R17IF7T-POM1

17" Intel® Core™ i3/i5/i7 PO Series HMI Panel PC



KEY FEATURES

- 17" 1280 x 1024, 350 nits
- 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
- 12V DC Power input
- DP Support 4096 x 2304 @ 60 Hz
- HDMI Support 4096 x 2304 @ 24 Hz



SPECIFICATIONS

| Display | | | |
|----------------------|--|-----------------------|---|
| Resolution | 1280x1024 | Size | 17.0 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 350.0 nits |
| View Angles | 85,85,80,80 | Active Area | 337.920x270.336 mm |
| Touch / Glass | Projected Capacitive Multi Touch Screen | | |
| System Specification | | | |
| Processor | Intel Core i7-9700TE 1.8GHz (up to 3.8GHz) Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional) Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional) | Chipset | Intel® B360(No vPRO) Intel® Q370(Support vPRO and NVMe) (Optional) |
| Memory | 1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 2400 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional) | Storage | 1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional) 1 x M.2 2280 M-Key NVME SSD 128GB (Optional) 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 2 x SATA III for 2.5" SSD/HDD support RAID 0,1 (Optional) |
| Ethernet controller | 2 x Intel® 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) | | |
| Mechanical | | | |
| Dimension | 407 x 338 x 69 mm | Weight | 4.5 kg |
| Mounting | Open Frame Panel Mount VESA Mount | Enclosure | Metal Housing |
| Cooling System | Fan design | | |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C | | |
| Certification | | | |

Certification CE, FCC

IO Ports

| | | | |
|------------------------|--|-----------------------|--|
| Power Input | 1 x 12V DC, Din4 pin connector | USB Port | 4 x USB3.2 Gen1x1 (Type-A) |
| Serial Port | 1 x RS232/422/485 (Default RS232) 1 x RS232 | Video | 1 x DP1.2 1 x HDMI 1.4 (Optional) |
| Audio | 1 x Mic in 1 x Line out 2 x Speaker | Expansion Port | 1 x M.2 2280/2242 M-Key Slot (for NVME SSD or SATA III SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 3.0 (x16) slot |
| 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 | | |

Control

| | |
|---------------|--------------------------------------|
| Button | 1 x Power Button 1 x Reset Button |
|---------------|--------------------------------------|

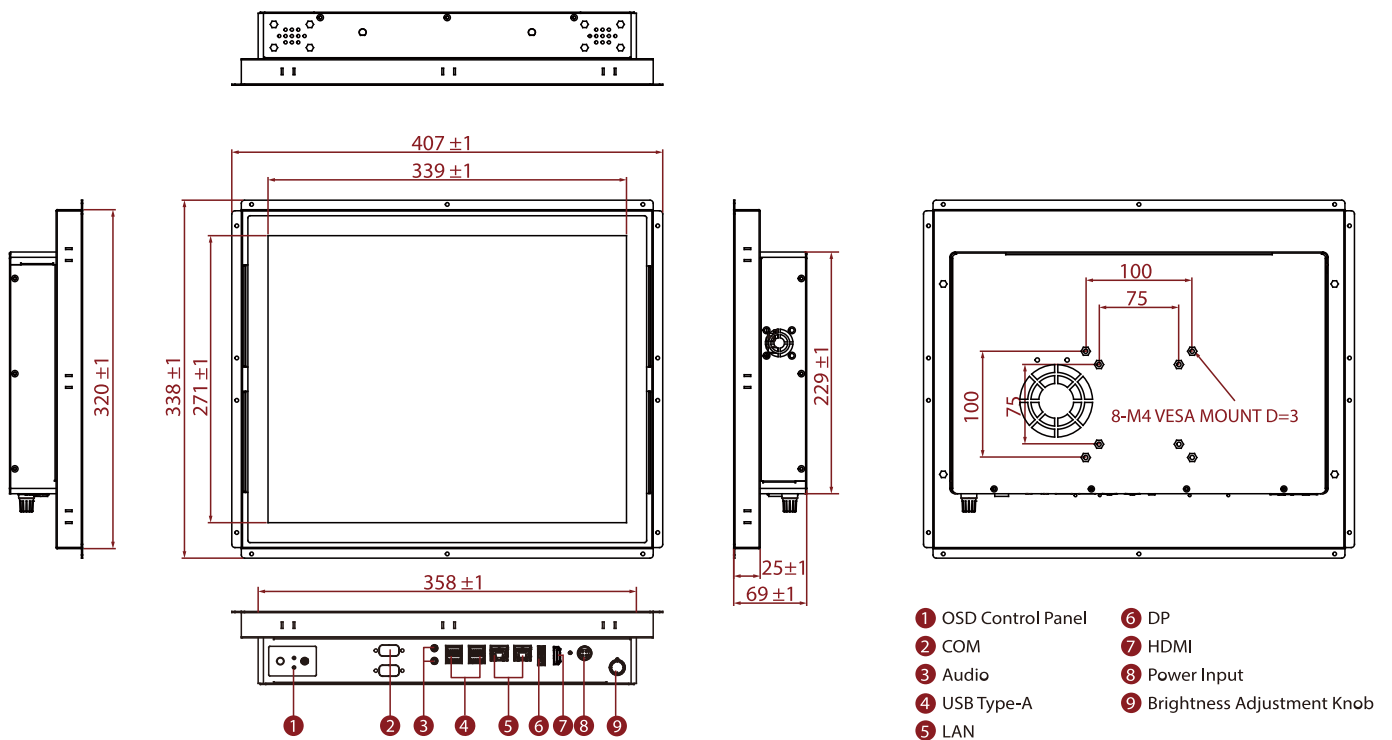
Accessory

| | |
|------------------|--|
| Accessory | 100~240V AC to DC Adapter Power Cord VESA screws |
|------------------|--|

Power

| | | | |
|---------------------|------------------------------|----------------|----------|
| Power Rating | 12V DC (Lockable Power Jack) | Adapter | 12V 120W |
|---------------------|------------------------------|----------------|----------|

DIMENSIONS UNIT:MM



NOTE

1. Measurements are shown in mm.
2. Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm.
3. This is a simplified drawing and some components are not marked in detail.
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.