

W15IT7T-PPA4

15.6" Intel® Core™ i5 (Tiger Lake) PP Series HMI Panel PC



KEY FEATURES

- Intel® Core™ Tiger Lake UP3 i5-1135G7 (Without vPro) / Intel® Core™ Tiger Lake UP3 i5-1145G7E (With vPro)
- 1920 x 1080 Resolution
- Projected capacitive multi-touch screen
- Multi display supports DP / HDMI / LVDS / eDP panel interface
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- Front IP65 water and dust proof
- Aluminum housing and Fan design
- 12V Single Voltage Power Input



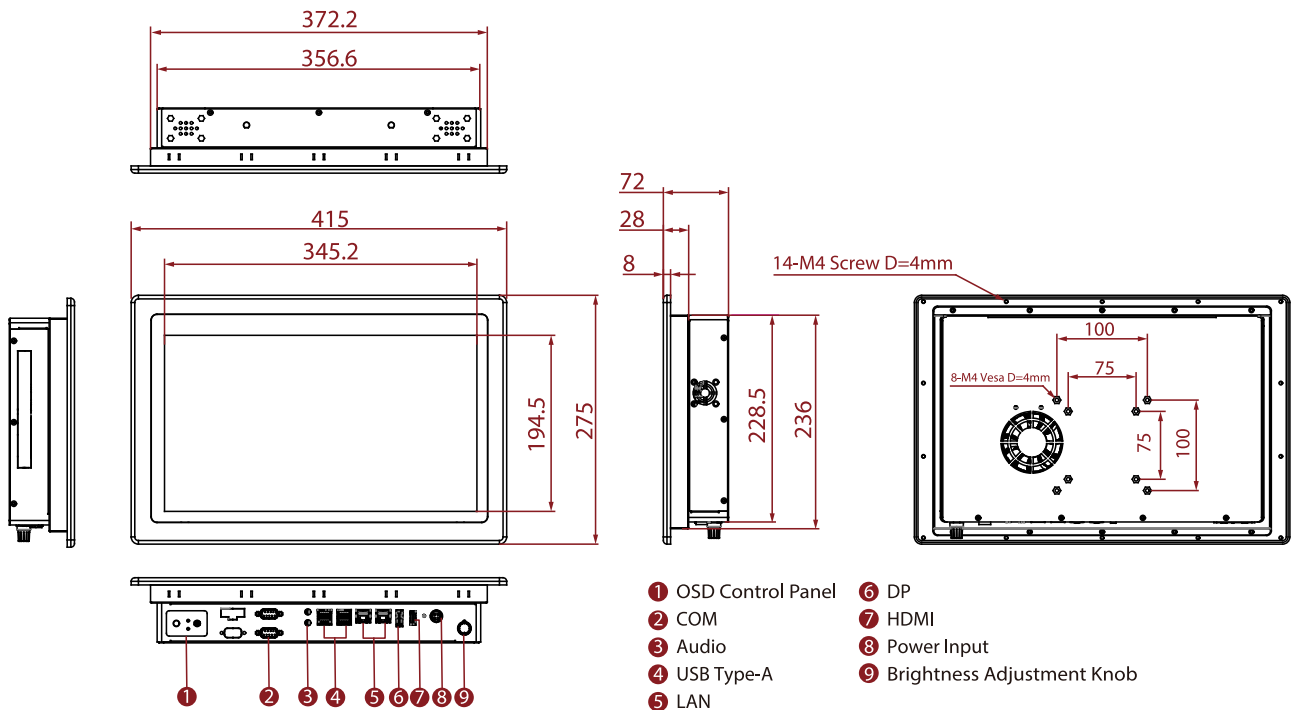
SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	800:1
View Angles	85,85,85,85
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	15.6 inches
Panel Brightness	300 nits
Active Area	344.16x193.59 mm
System Specification	
Processor	Intel® Core™ i5-1135G7 (8M Cache, up to 4.20 GHz, Without vPro, BGA onboard CPU) Intel® Core™ i5-1145G7 (8M Cache, up to 4.40 GHz, With vPro, BGA onboard CPU) (Optional)
Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)
Storage	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)
Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical	
Dimension	415 x 275 x 72 mm
Mounting	Panel mount VESA Mount
Enclosure	Metal Housing
Cooling System	Fan design
Cut out	375x238mm
Environment	
Operating Humidity	10% to 90% (non-condensing)
Operating Temperature	0~50°C
Storage Temperature	-20~60°C
IP rating	Front IP65

Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12V DC, Din4 pin connector
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232
Audio	Mic in Line out
LAN	2 x Giga LAN RJ45 Connector
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 Manual Mounting clips
Power	
Power Rating	12V DC

USB Port	4 x USB3.2 Gen1x1 (Type-A)
Video	1 x DP1.4 1 x HDMI 2.0 (Optional)
Expansion Port	1 x M.2 2242/2280 Key M slot for SATA/NVMe SSD 1 x M.2 2230 Key E slot for WiFi (Optional)
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage

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.