

# W27IT3S-PCA1

## 27" Intel® Core™ i5-1135G7 (Tiger Lake UP3) PCAP Standalone HMI Panel PC



### KEY FEATURES

- Intel® 11th Generation Core™ i5-1135G7 (Tiger Lake UP3) Processor
- 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, 2 x USB 3.2 Gen2x1 Ports
- A true flat, easy-to-clean front surface with edge-to-edge design
- Front IP65 water and dust proof
- Aluminum housing and Fanless design
- 12V Single Voltage Power Input



### SPECIFICATIONS

Display			
<b>Resolution</b>	1920x1080	<b>Size</b>	27.0 inches
<b>Contrast Ratio</b>	3000:1	<b>Panel Brightness</b>	300.0 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	599x337 mm
System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 M-Key 2280 NVMe SSD, 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 1 x SATA III , up to 2TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
<b>Dimension</b>	675.4 x 413.4 x 48 mm	<b>Weight</b>	10.2 kg
<b>Mounting</b>	VESA Mount	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless 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	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			

<b>Power Input</b>	1 x 12V DC, 2.5φ DC jack	<b>USB Port</b>	2 x USB3.2 Gen2x1 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232	<b>Video</b>	1 x HDMI 2.0 (Optional)
<b>Expansion Port</b>	1 x M.2 2242/2280 Key M slot for SATA/NVMe SSD 1 x M.2 2230 Key E slot for WiFi (Optional)	<b>LAN</b>	2 x Giga LAN RJ45 Connector

**Control**

<b>Button</b>	1 x Power Button 1 x Reset Button
---------------	--------------------------------------

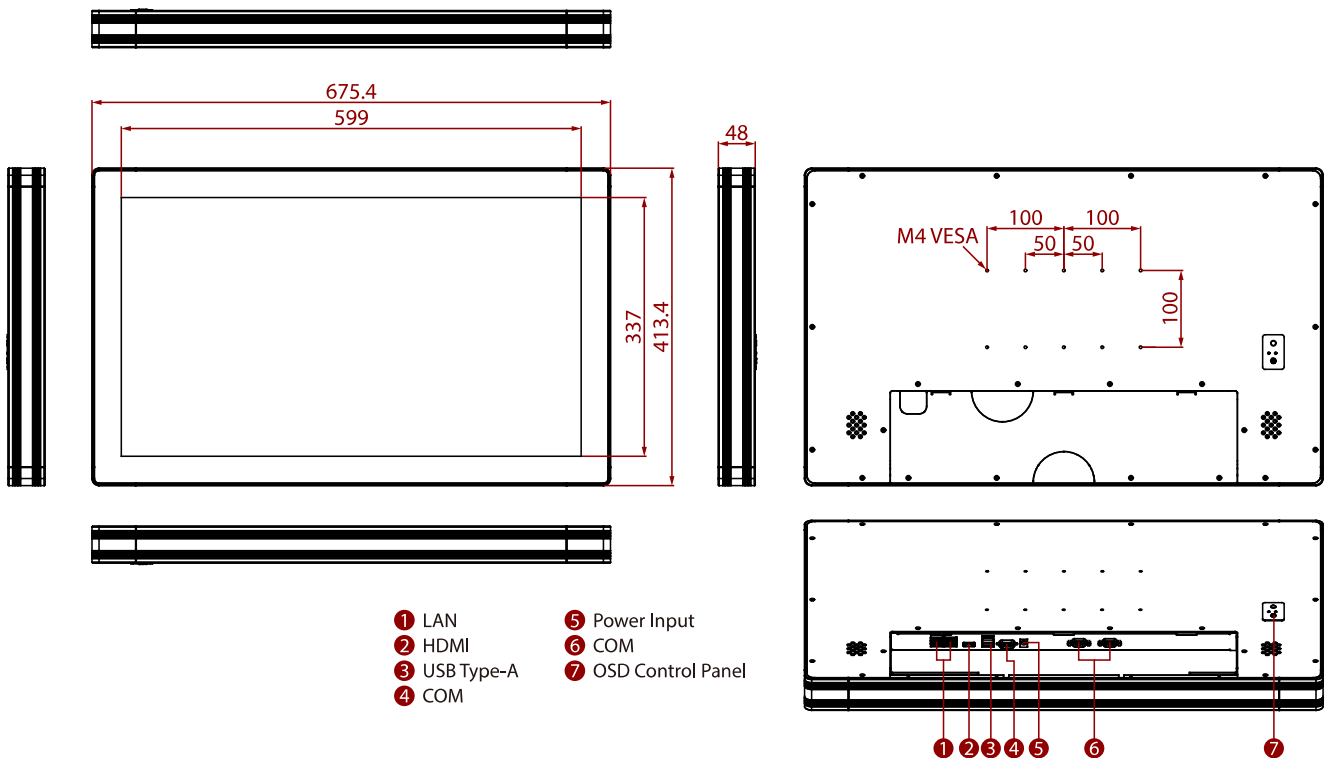
**Accessory**

<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws
------------------	--

**Power**

<b>Power Rating</b>	12V DC	<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.