

# W22IT7T-GCA3

## 21.5" Intel® Core™ i5 Standalone Panel PC HMI



### KEY FEATURES

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

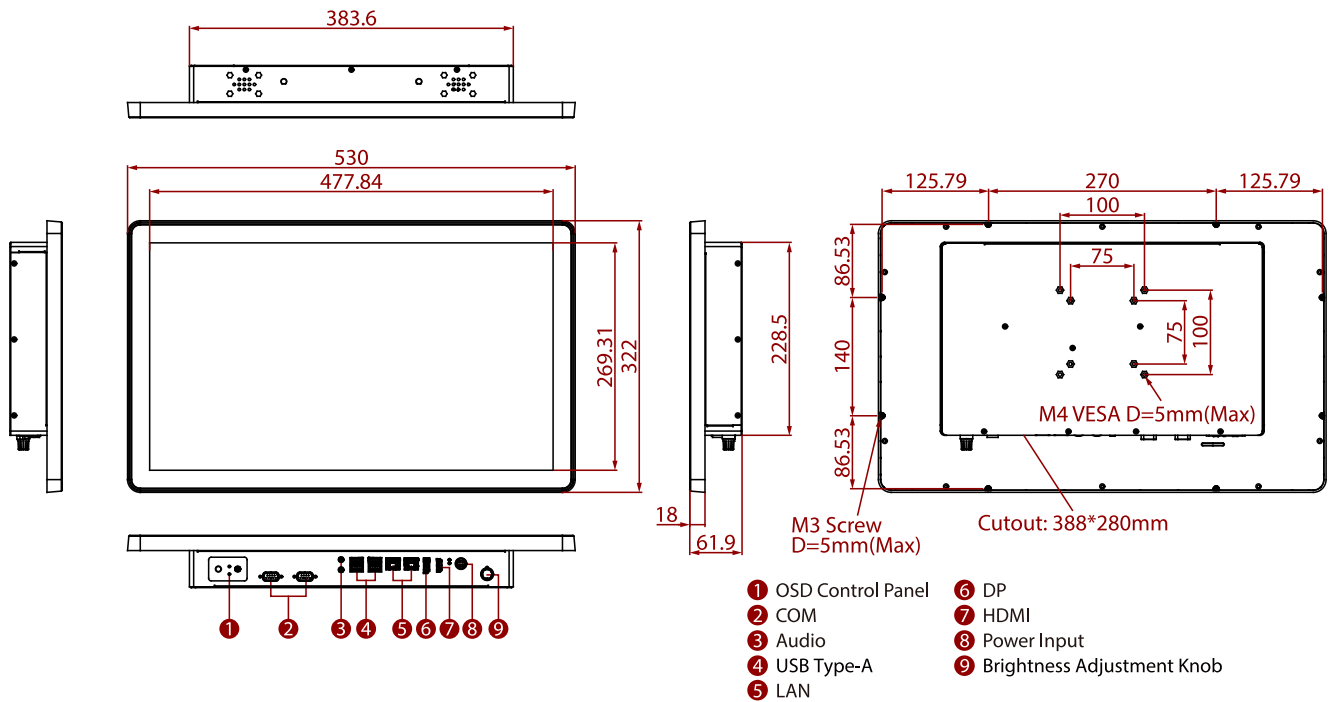


### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1080
<b>Contrast Ratio</b>	3000:1
<b>View Angles</b>	89,89,89,89
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen
<b>Size</b>	21.5 inches
<b>Panel Brightness</b>	250.0 nits
<b>Active Area</b>	476.64x268.11 mm
System Specification	
<b>WLAN</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) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (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>Security</b>	TPM 2.0
<b>BT</b>	Support (Optional)
<b>Memory</b>	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)
<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<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)
Environment	
<b>Operating Humidity</b>	10% to 90% (Non-Condensing)
<b>Storage Temperature</b>	-20°C~60°C
<b>Vibration</b>	MIL-STD-810G Method 514.6
<b>Operating Temperature</b>	0~50°C
<b>Shock</b>	MIL-STD-810G Method 516.6
<b>IP rating</b>	Front IP65
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>USB Port</b>	4 x USB3.2 Gen.1 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)

<b>Video</b>	1 x DP1.4 1 x HDMI 2.0 (Optional)	<b>Audio</b>	1 x RS232 1 x Mic in 1 x Line out
<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
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage	<b>Brightness Knob</b>	1 x Brightness Adjustment Knob
<b>Mechanical</b>			
<b>Dimension</b>	530 x 322 x 62 mm	<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Enclosure</b>	Metal Housing with Plastic Bezel	<b>Cooling System</b>	Fanless Design
<b>Accessory</b>			
<b>Accessory</b>	Quick Start Guide(Hardcopy) AC Adapter Power Cable		
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		
<b>Power</b>			
<b>Power Rating</b>	12V DC, Din4 pin connector	<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.