

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



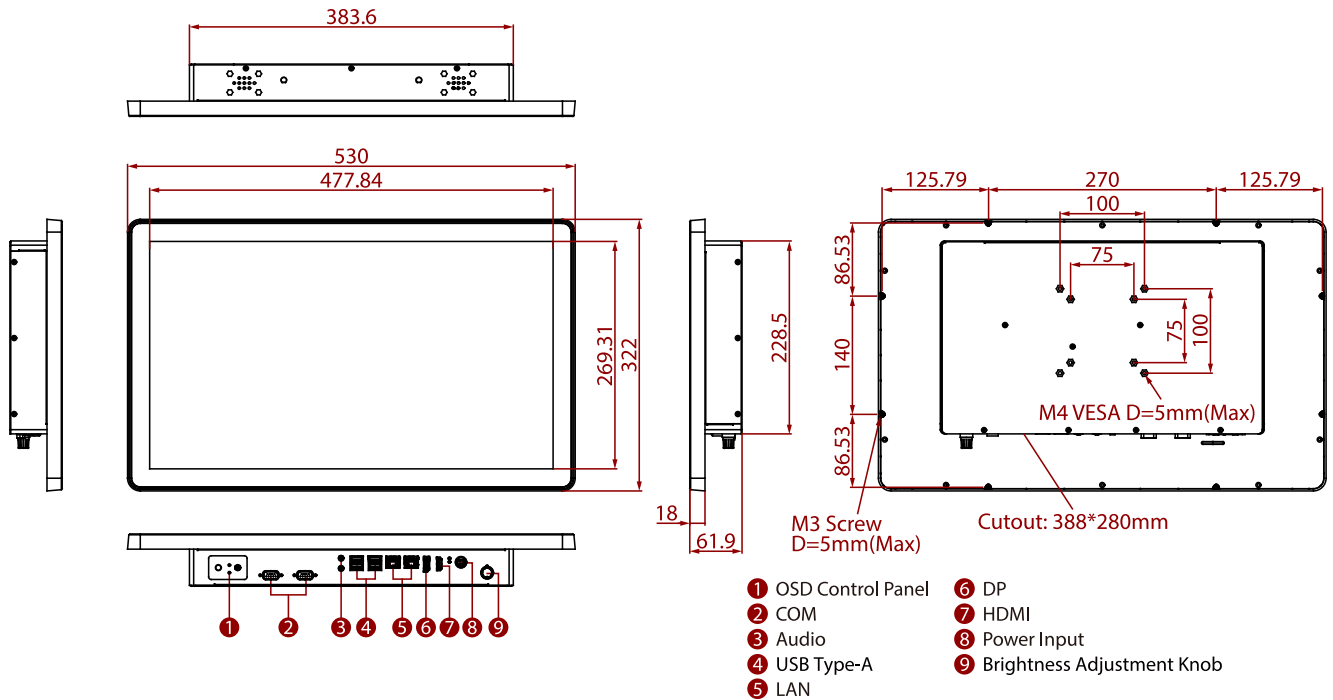
SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	3000:1
View Angles	89,89,89,89
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	21.5 inches
Panel Brightness	250 nits
Active Area	476.64x268.11 mm
System Specification	
WLAN	Support (Optional)
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)
Environment	
Operating Humidity	10% to 90% (Non-Condensing)
Operating Temperature	0~50°C
Storage Temperature	-20~60°C
Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	

USB Port	4 x USB3.2 Gen.1 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232
Video	1 x DP1.4 1 x HDMI 2.0 (Optional)	Audio	1 x Mic in 1 x Line out
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)	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

Mechanical			
Dimension	530 x 322 x 62 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Metal Housing with Plastic Bezel	Cooling System	Fanless Design
Accessory			
Accessory	Quick Start Guide(Hardcopy) Driver CD & User Manual AC Adapter Power Cable		
Control			
Button	1 x Power Button 1 x Reset Button		
Power			
Power Rating	12V DC, Din4 pin connector	Adapter	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.