W27IAD7T-PCA1

27" Intel® Core™ Alder Lake LGA 1700 PCAP Standalone HMI Panel PC

KEY FEATURES

- 12th Gen Intel® Core™ Alder Lake S Socket LGA 1700 i9 / i7/ i5 / i3 processor
- 1920 x 1080 resolution
- Projected capacitive multi-touch screen
- Multi display supports DP / HDMI / LVDS / eDP panel interface
- Multiple I/Os, 1 x Serial Ports, 4 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
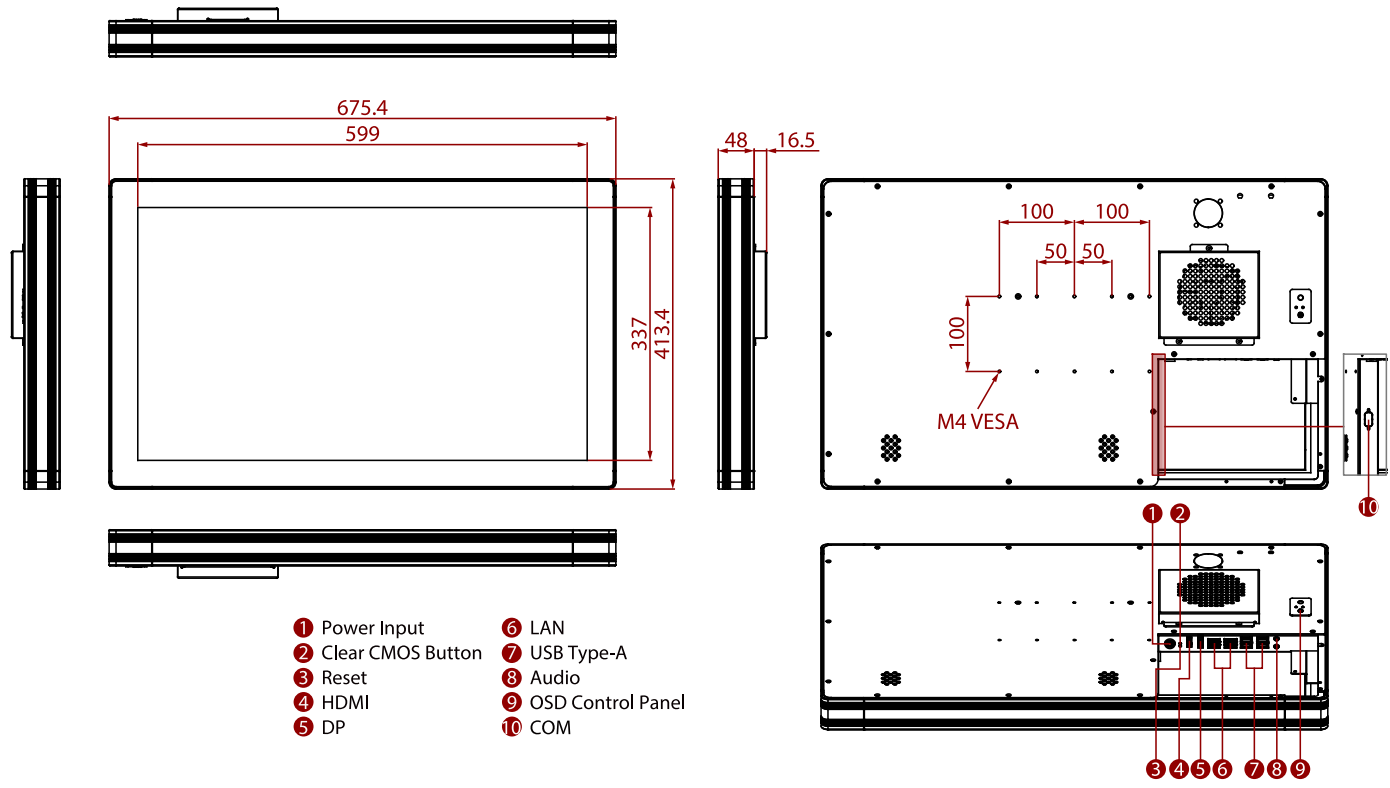- Aluminum housing
- 12V single voltage power input

SPECIFICATIONS

Display

Resolution	1920x1080	Size	27.0 inches
Contrast Ratio	3000:1	Panel Brightness	300.0 nits
View Angles	89,89,89,89	Active Area	599x337 mm

System Specification

Mechanical

Dimension	675.4 x 413.4 x 64.5 mm	Mounting	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	IP rating	Front IP65

Certification

Certification	CE, FCC

IO Ports

Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670 version) 4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610 version)
Video	1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz 1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional)	Audio	Mic in Line out
Expansion Port	1 x M.2 (Key E) with PCIe x1, USB 2.0 for wireless 1 x M.2 (Key M, 2242/2280) with PCIe or SATAIII for SSD	LAN	2 x Giga LAN RJ45 Connector

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	**Adapter**		12V 210W

DIMENSIONS   UNIT:MM

① Power Input   ⑥ LAN
② Clear CMOS Button   ⑦ USB Type-A
③ Reset   ⑧ Audio
④ HDMI   ⑨ OSD Control Panel
⑤ DP   ⑩ COM

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.