

TP-3445-17

17" Panel Mount PC



Key Highlights

- 17" TFT-LCD with 4:3 Screen Ratio
- Intel Apollo Lake N4200 Quad Core CPU
- IP66 Front Bezel & Aluminum Housing
- Optional High Bright & Optical Bonding
- Projected Capacitive or Resistive Touch

[VIEW ONLINE](#)

The TP-3445-17 is a Fanless [Panel PC](#) with a Quad Core Apollo Lake CPU. This computer is housed in die-cast aluminum and has an IP66 rated waterproof front bezel. There are several ways you can configure the TP-3445-17 to fit your application. This computer supports an optional internal backup battery, Pcap or resistive touch, and a high bright LCD. You can also choose an expansion board to add options such as Mini-PCle, SIM, USB and COM. The TP-3445-17 is built to last, even in harsh manufacturing environments, and Teguvar will support and sell this until at least 2030.

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Technical Specifications

Primary Components	
Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	Onboard DDR3
Memory Support	4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

Power	
Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter

Battery	
Battery Type	Optional Internal Battery

Operating Systems	
Windows	Windows 10 IoT, Windows 10 Pro
Linux	Linux (Contact your sales rep for more information)

Thermal & Environmental	
Operating Temperature	-20°C - 60°C (-4°F - 140°F)
Storage Temperature	-30°C - 70°C (-22°F - 158°F)
Cooling Solution	Passive - Fanless with Heatsink
Humidity Range	10% - 90% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	Optional WiFi
Bluetooth	Optional Bluetooth 4.0
Mobile Network 4G LTE	Optional 4G

Warranty	
Warranty	Up to 5 Years

Specifications subject to change.

Display	
Screen Size	17"
Screen Ratio	4:3
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen	
Touch Screen	Projected Capacitive, Resistive

External I/O Ports	
USB	2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	1x 2-Pin DC Power Switch Connector
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type), Optional POE++, 45W with 2x USB 2.0

Expansion Slots	
SD card	1x Micro SD Slot

Enclosure	
Material	Aluminum
IP Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA 100 Mount

Weight / Dimensions	
Weight	6.3 kg (13.9 lbs)
Dimensions	439 x 348 x 64.8 mm (17.3 x 13.7 x 2.6 in)

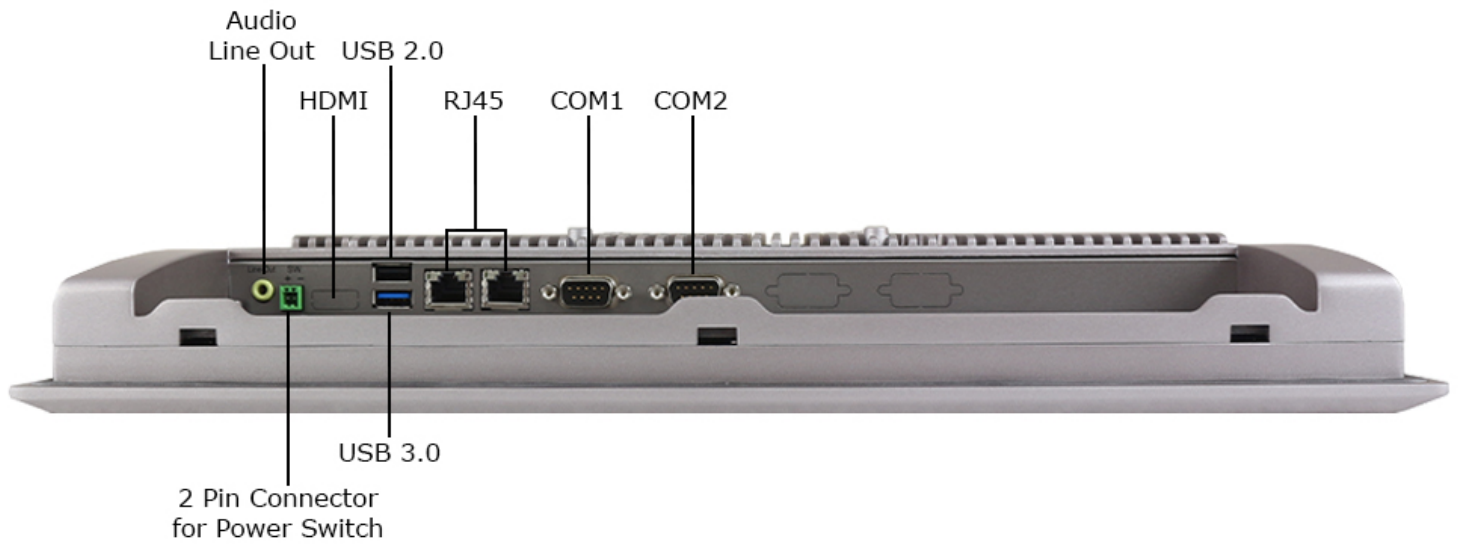
Certification	
Certifications	CE, FCC Class A, UL 60950, UL 62368

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I/O Diagram Images



USA

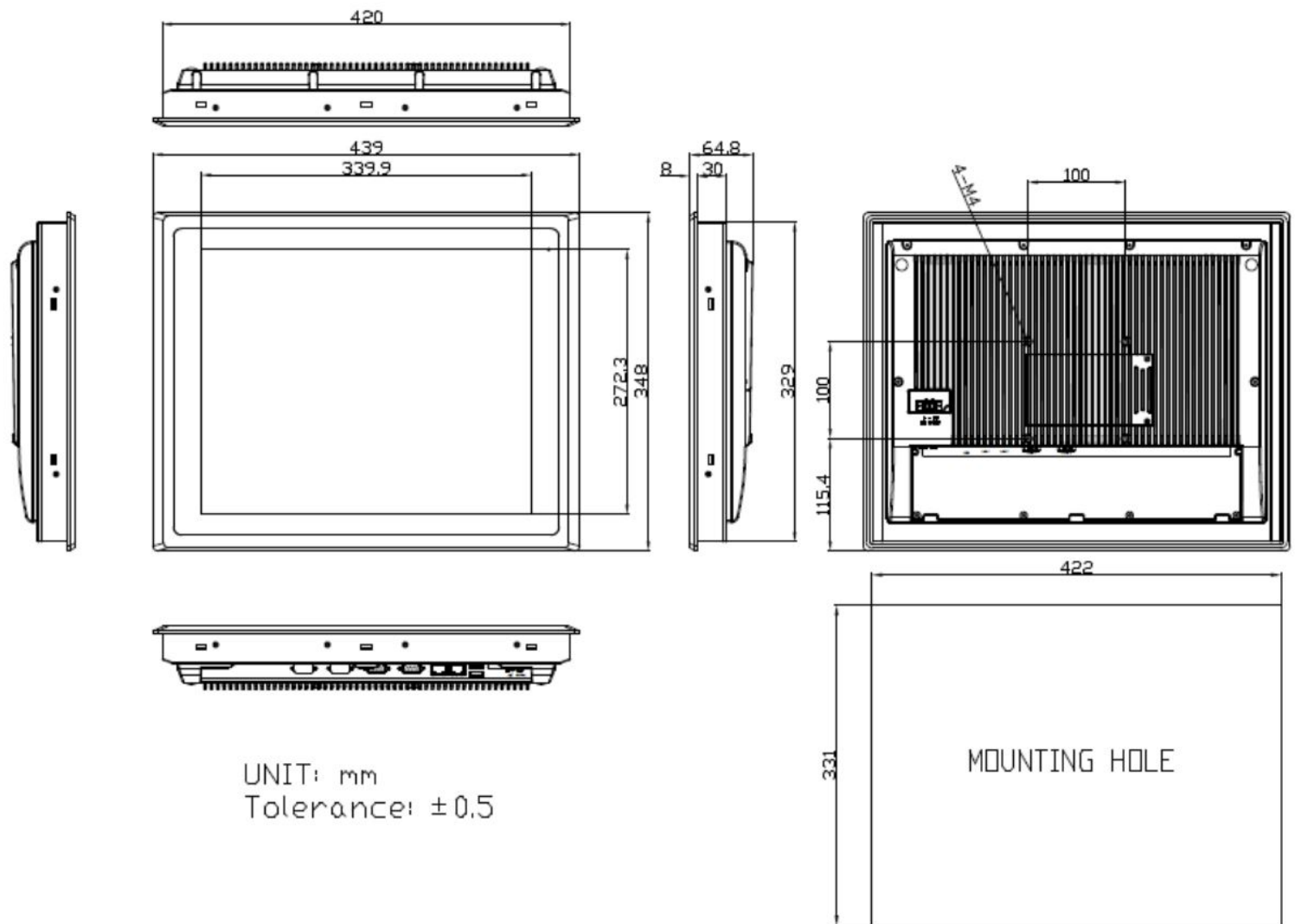
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