TEGUAR

TD-45-12

12.1" Industrial Display



Key Highlights

- 12.1" LCD with 800×600 or 1024×768 Resolution
- Rugged Die Cast Aluminum Enclosure
- Full Flat Front Panel
- Resistive or Projected Capacitive Touchscreen
- Wide Range DC 9~36V Power Input
- IP66 Compliant Front Panel

VIEW ONLINE

The TD-45-12 is a cost effective, versatile display with a die-cast aluminum enclosure, ideal for industrial environments. The same model is available in screen sizes from 7" to 21.5" and with either a resistive touchscreen or a projective capacitive touchscreen. The TD-45-12 includes VGA, DVI, HDMI, and DisplayPort video inputs. This industrial touchscreen monitor can be mounted to an arm, stand, hung on a surface, or panel mounted. When panel mounted, the front bezel is IP66 rated to protect from liquids and dust. The TD-45-12 provides a graphical user interface where the operator may perform tasks such as: operate a machine, view sensor data, or interact with ERP software.

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Technical Specifications

Display

Screen Size	12.1"
Screen Ratio	4:03
Brightness	450 nits, Optional 1000 nit High Brightness

Power

Input Voltage Range	9-32V DC
Max Power Consumption	7.9W (Resistive), 14.8W (P-Cap)
Standard Power Adapter	Optional 12V AC/DC Adapter

Enclosure

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

Certification

Certifications	CE, FCC Class A

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Touch Screen

Touch Screen	Projected Capacitive, Resistive

External I/O Ports

Audio Ports	1x Optional Line in by RCA Jack
Power Input Port	3-Pin DC-In (Phoenix Type)

Multimedia

Speakers	Optional Speaker

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
Storage Humidity	10% ~ 90% Non-condensing

Weight / Dimensions

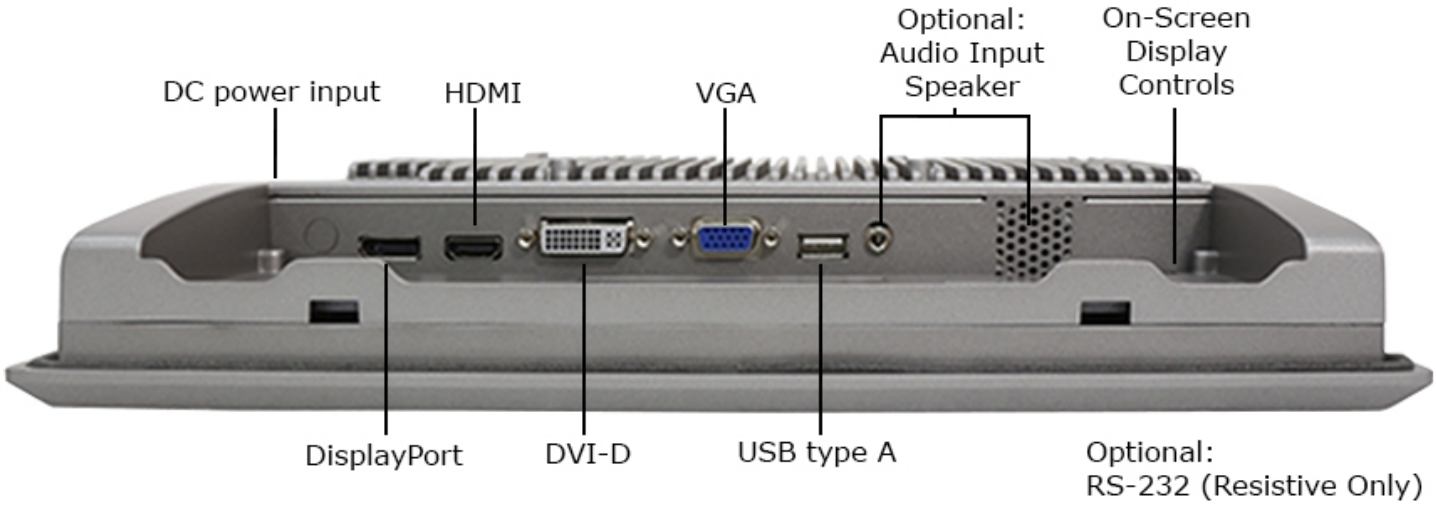
Weight	2.7 kg (6.0 lbs)
Dimensions	319 x 245 x 51.6 mm (12.6 x 9.6 x 2.0 in)

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I/O Diagram Images

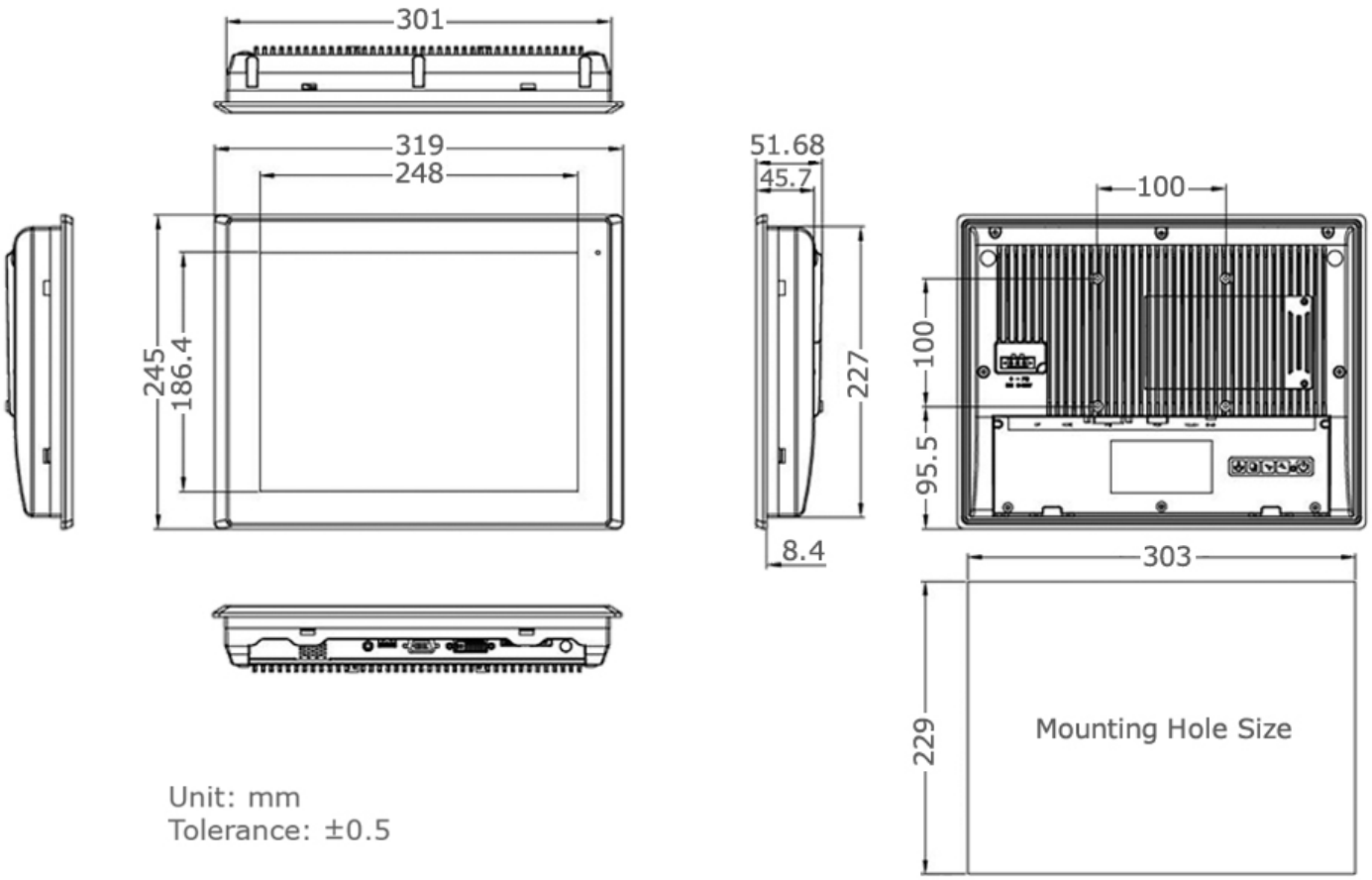


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Tech Diagram Images



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