TEGUAR

TSI-5945-16

15.6" Operator Interface Terminal



Key Highlights

- 15.6" Full HD Touch Screen
- 11th Generation Core i3/i5 Processor
- 5x Buttons by Default,3x More Optional
- 2.5 GbE LAN
- Able to Swing Arm or Pole Mount
- Need customization? Click here for OEM services.

VIEW ONLINE

The 16" Operator Interface Terminal integrates an 11th Generation CPU for powerful performance in general manufacturing environments. With an IP65 waterproof rating and five front-facing buttons, it ensures durability and ease of operation, crucial for industrial settings requiring quick equipment control. The TSI-5945 provides versatile installation options, supporting both swing arm and pole mounting and compatible with Rittal mounts. This terminal enhances productivity and safety with its robust features, making it a reliable choice for managing and monitoring equipment in demanding manufacturing operations. Learn more about the TSI-5945 Series here.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i3-1115G4E
Processor Speed	2.2 GHz, Up to 3.9 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB, 64GB
Storage Type	1x M.2 2280 NVME SSD slot
Storage Support	M.2: 128GB-1TB

Power

Input Voltage Range	9-36V DC

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Compatibility

Security Hardware	TPM 2.0

Expansion Slots

Other	Default 5x Buttons- 1x Emergency-Stop, 1x Blue Button, 1x Red Button, 1x Green Button, and 1x USB 2.0, Optional 1x Key Switch, Optional 3x Black Push Buttons

Enclosure

Material	Aluminum front bezel and Stainless Steel Swing Arm
IP Rating	IP65
Color	Silver
Mounting Options	Swing Arm, Rittal CP-40

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	15.6"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	300 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	1x USB 3.2 Type-C, 4x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232(Default)/RS-422/RS-485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Other Ports	2x Button PINs, 40x PINs to Operator Buttons
Power Input Port	3-Pin DC-In (Phoenix Type)

Thermal & Environmental

Operating Temperature	0°C - 55°C (32°F – 131°F)
Cooling Solution	Passive – Fanless
Humidity Range	0% – 90% Non-condensing

Certification

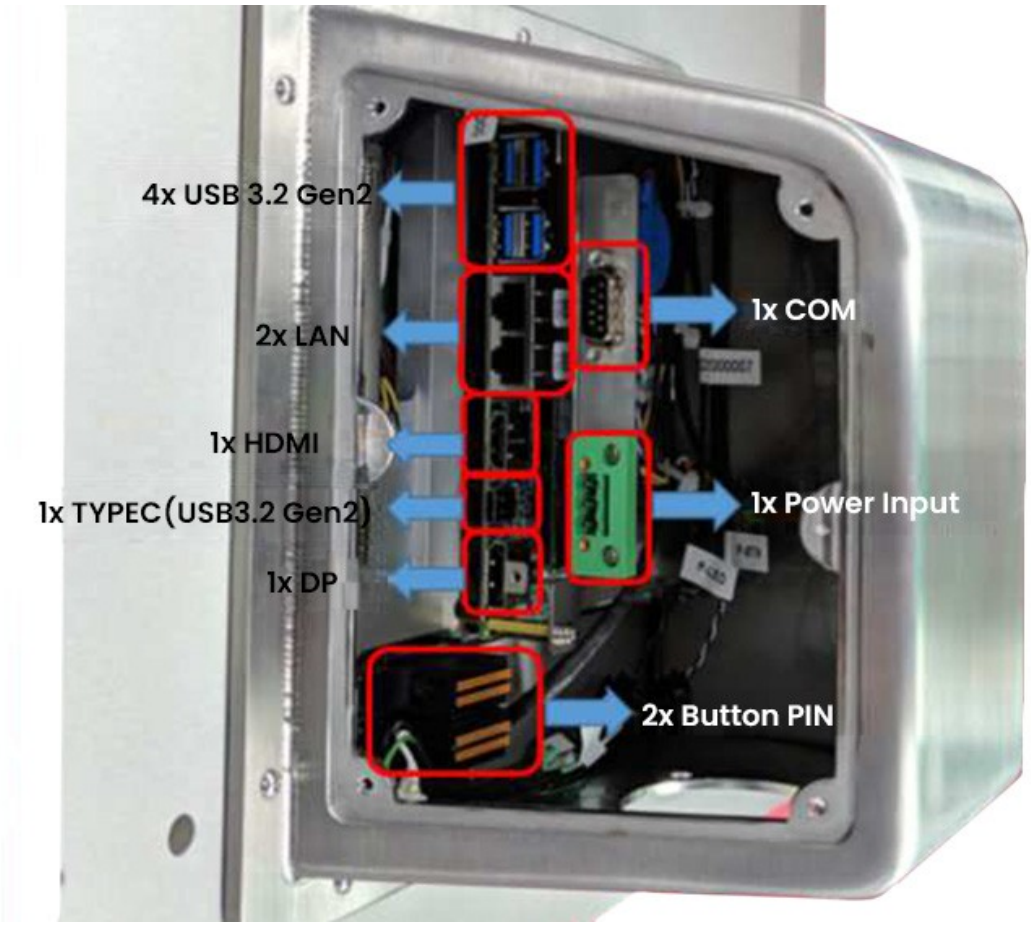
Certifications	CE, FCC

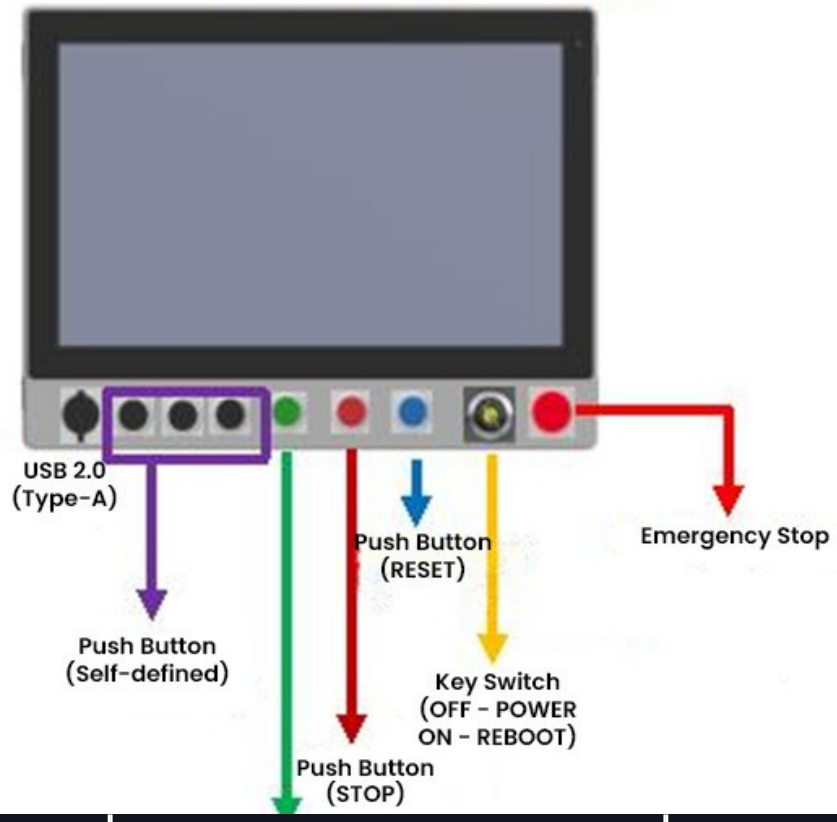
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I/O Diagram Images



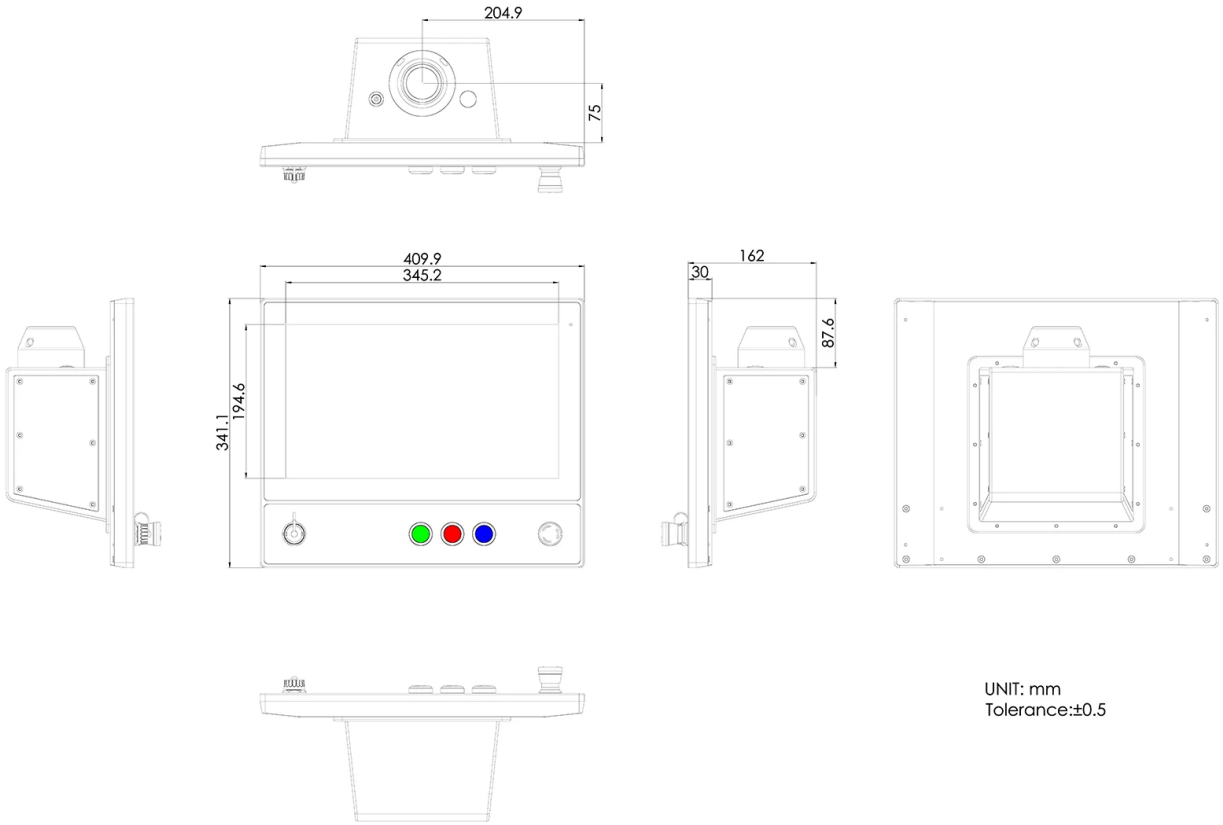


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Tech Diagram Images



UNIT: mm
Tolerance:±0.5

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