TEGUAR

SCOUT TB-6293

Miniature Fanless Edge Gateway PC



Key Highlights

- Powered by Twinlake CPU
- Ultra-Compact and Sleek Handheld Design
- Power over Ethernet (PoE) functionality
- DIN Rail Mount Included
- Dual Video Out via USB-C and HDMI
- Supports Wi-Fi and Cellular

VIEW ONLINE

TB-6293 epitomizes its name Scout as the perfect small gateway for aggregation or data transport. Connect with IoT or a central hub to send data over Wi-Fi or cellular network, accelerated and streamlined with PoE . The extra-small form factor doesn't sacrifice safety, as internal aluminum blocks provide tidy passive cooling and a physical TPM 2.0 chip ensures maximum security where data privacy is paramount. Scout supports two displays natively and can expand on them via Multi-Stream Transport (MST). **Scout is part of the Regiment Series product family.** *Need a Rockwell Automation ThinClient Thin Manager version? View TB-6293-TM >>*

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Technical Specifications

Primary Components

Processor Family	Intel Twin Lake
Processor Model	Intel Core 3 N355, Intel Processor N150
Memory Type	Onboard LPDDR5
Memory Support	8GB, 16GB
Storage Type	1x M.2 B-Key 2242/3042 Slot for SATA SSD, Onboard eMMC Flash

Power

Input Voltage Range	8-26V DC
Standard Power Adapter	65W (12V/5A) External Power Supply

Compatibility

Security Hardware	TPM 2.0

Thermal & Environmental

Operating Temperature	-25°C - 35°C (-13°F - 95°F (For PoE PSE Models)), -25°C - 55°C (-13°F – 131°F)
Storage Temperature	-40°C - 85°C (-40°F – 185°F)
Cooling Solution	Passive – Fanless with Heatsink
Storage Humidity	10%~95%, non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WiFi 6E
Bluetooth	Optional Bluetooth 5.3
Sim Card	1x Nano SIM Card Slot

Certification

Certifications	CE, FCC, UL 62368

Specifications subject to change.

External I/O Ports

USB	1x USB 3.2 Type-C (DP 1.4A), 3x USB 3.2 Gen2
Serial / Com	1x COM via 59x2 NP9 Header (Adapter to DB9 Included)
Serial Protocol Detail	1x RS-232/422/485
Ethernet / LAN	2x RJ45 Gbe LAN Port (1x with PoE+ on PoE Models)
Video Outputs	1x DisplayPort via USB-C Alt Mode, 1x HDMI
Power Input Port	2-Pin Terminal Connector (Not included on PoE PD model)

Operating Systems

Windows	Windows 10 IoT, Windows 11 IoT, Windows 11 Pro
Linux	Linux Ubuntu 22.04 or above (Contact your sales rep for more information)

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 B-Key 2242/3042 Slot (USB2.0, SATAIII, PCIex1)

Enclosure

Material	Aluminum
Color	Black & Blue
Led Indicator Light	Power, Storage
Control Buttons	Power Button
Mounting Options	DIN Rail Mount

Weight / Dimensions

Dimensions	118.5 x 80.4 x 39.5 mm (4.7 x 3.2 x 1.6 in)

Warranty

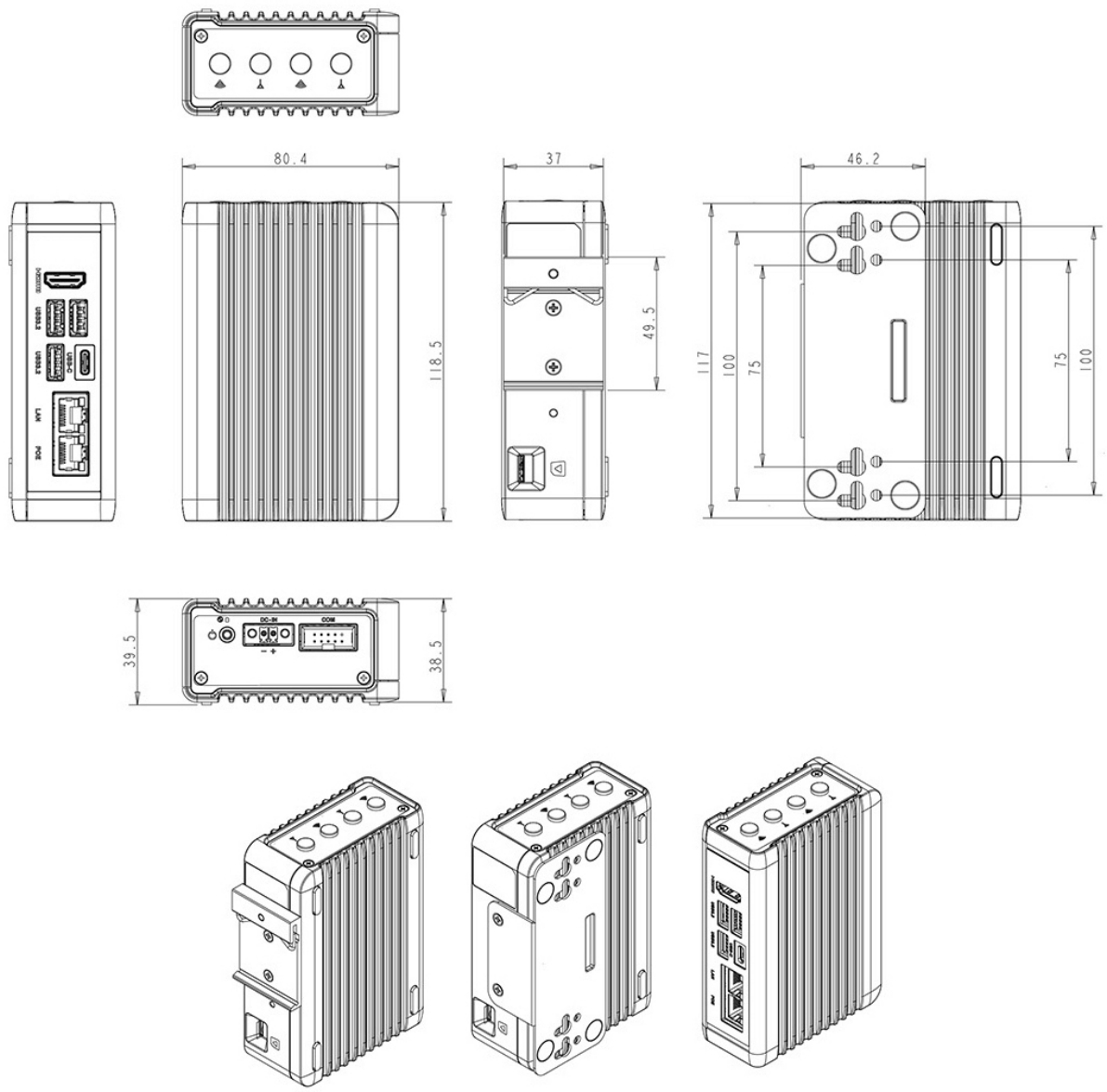
Warranty	Up to 5 Years

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2D Drawing

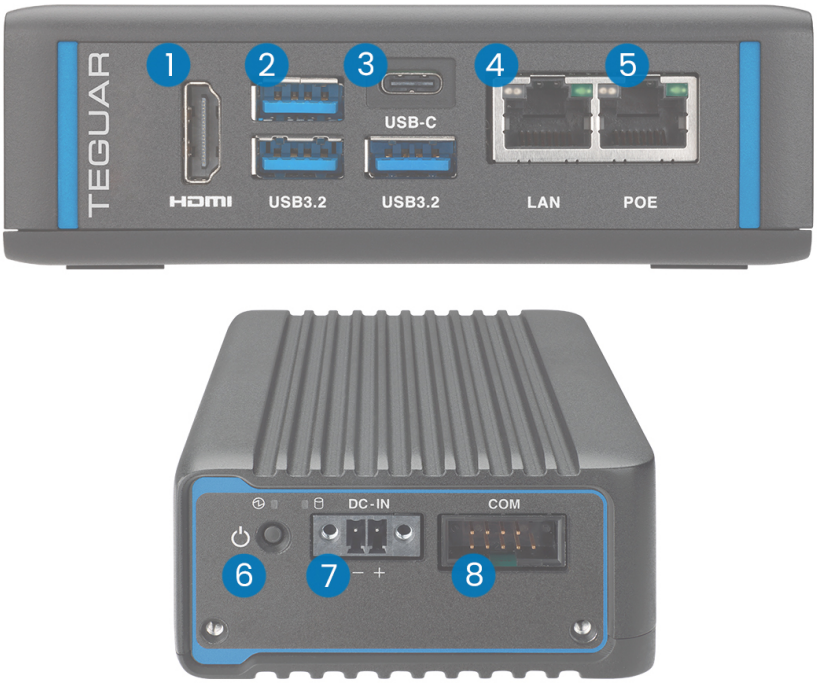


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I/O



1. HDMI
2. 3x USB 3.2
3. USB-C
4. LAN
5. Option: LAN or PoE
6. Power Button
7. 2-Pin DC In
8. COM

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