

SCOUT TB-6293

Miniature Fanless Edge Gateway PC

Key Highlights



- Ultra-Compact and Sleek Handheld Design
- PoE Options for both In and Out
- Powered by Twinlake CPU
- 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 by PoE with options for power In or Out. 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.**

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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

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, PCIe1)

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)

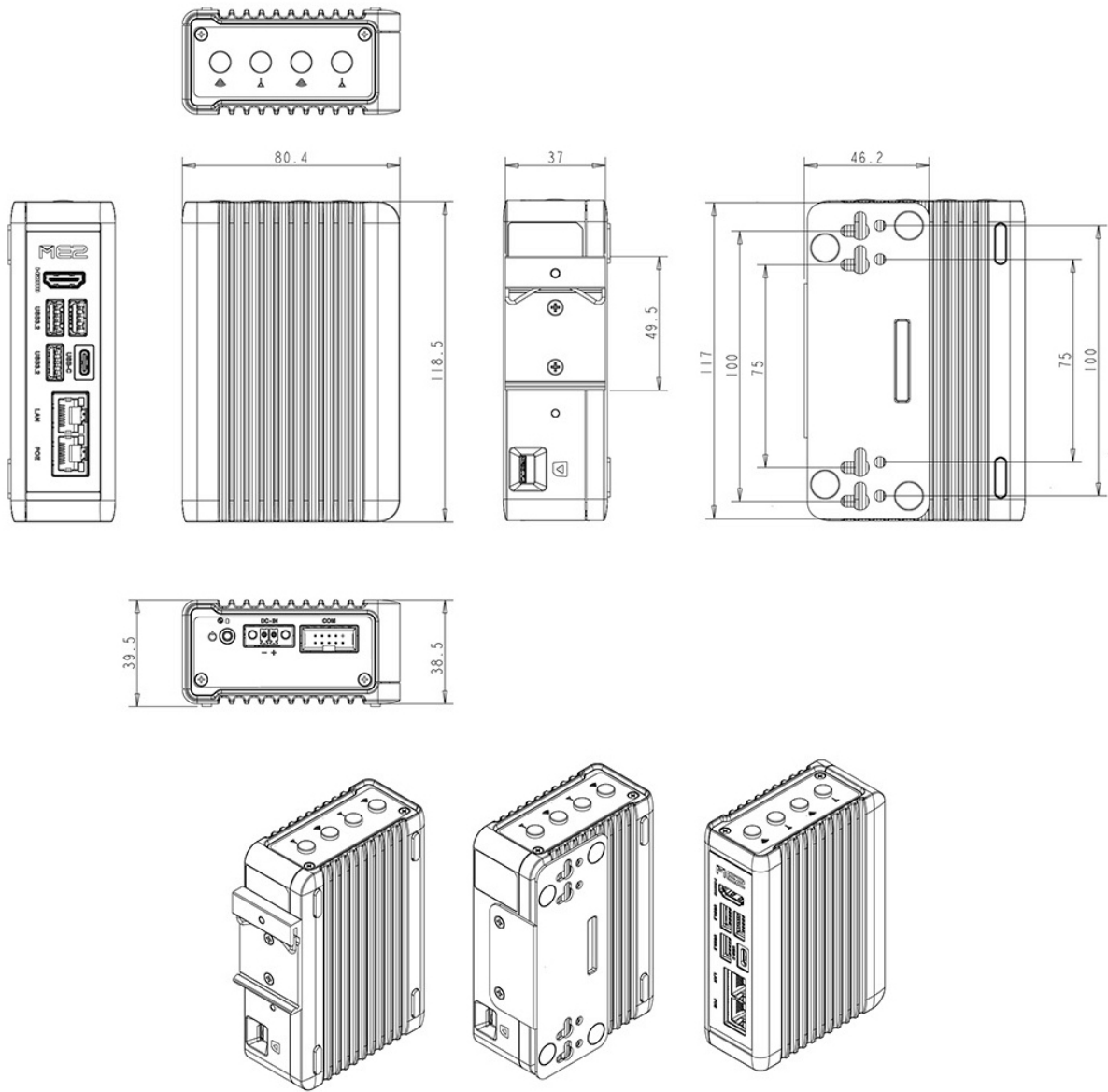
Warranty	
Warranty	Up to 5 Years

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2D Drawing



USA

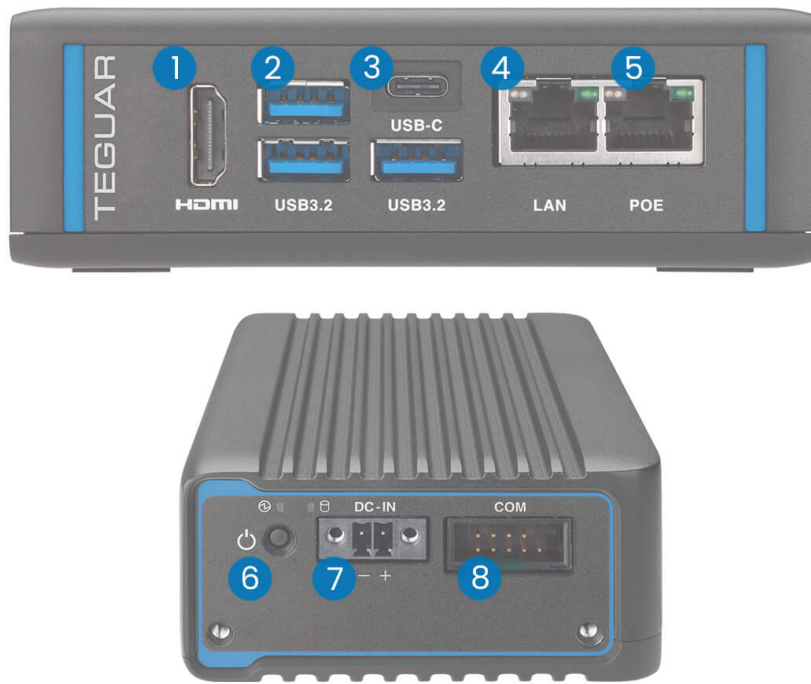
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1. HDMI
2. 3x USB 3.2
3. USB-C
4. LAN
5. Option: LAN or PoE

6. Power Button
7. 2-Pin DC In
8. COM

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