

# 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

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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
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## 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
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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)
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## 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)
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## Warranty

Warranty	Up to 5 Years
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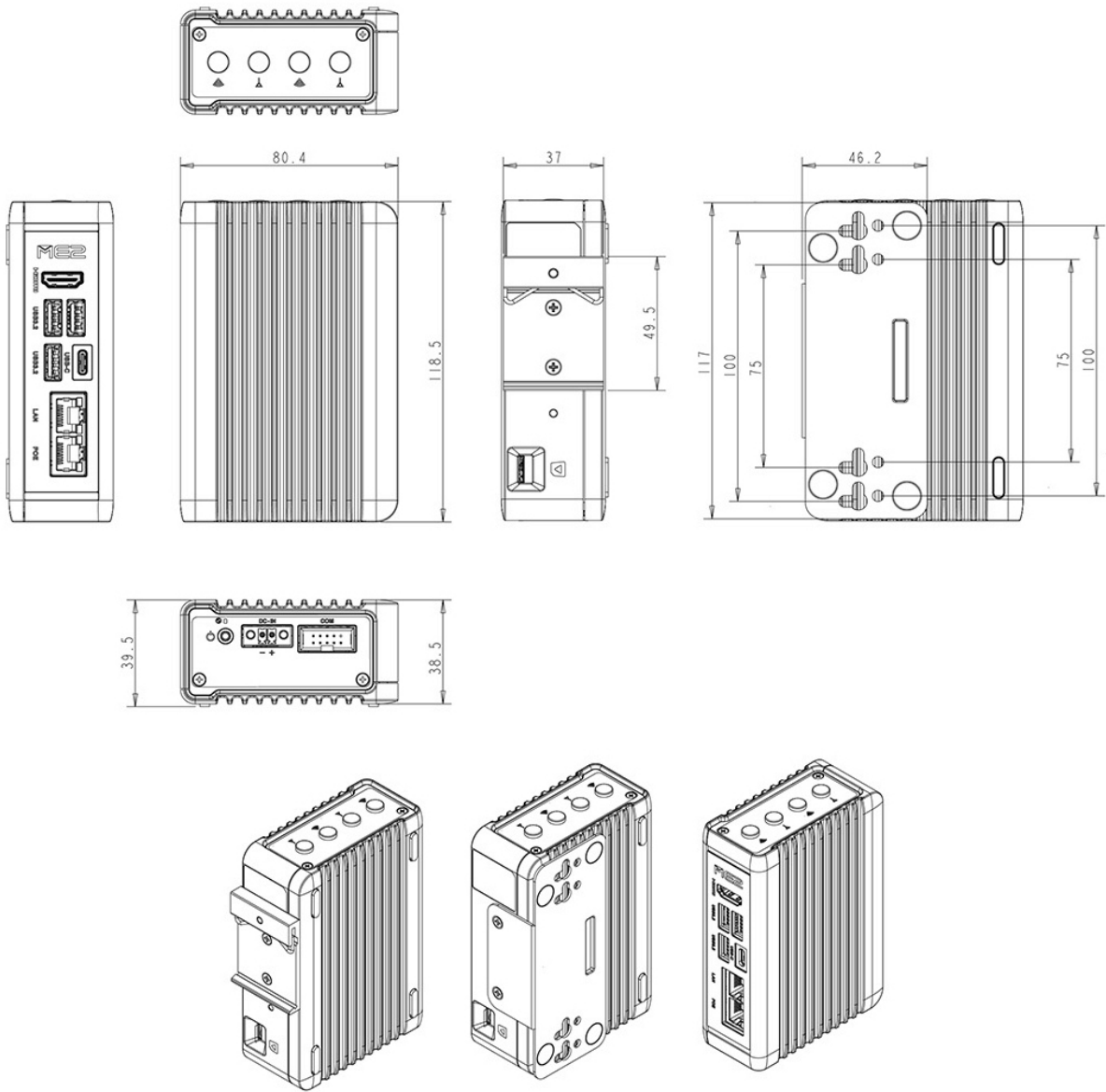
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## 2D Drawing



### USA

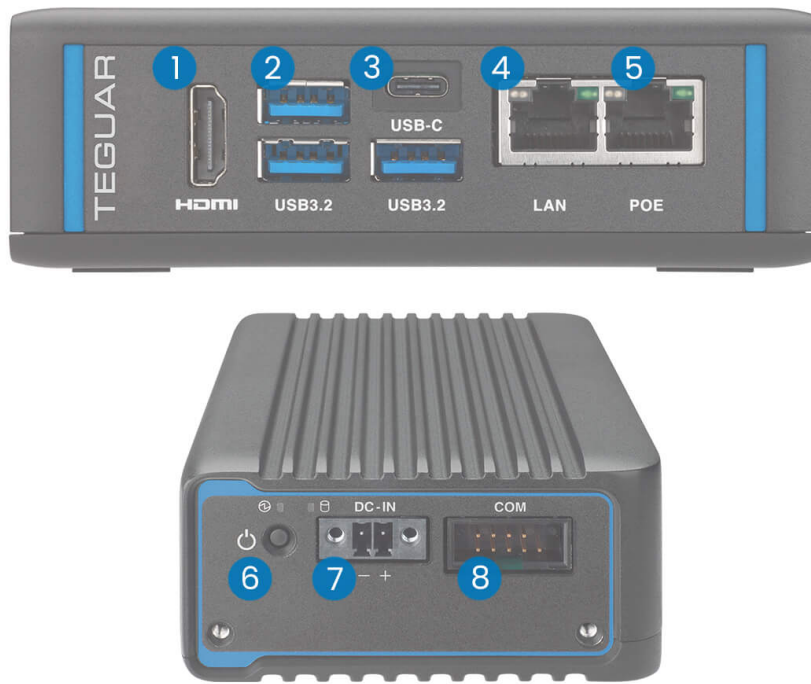
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1. HDMI
2. 3x USB 3.2
3. USB-C
4. LAN
5. Option: LAN or PoE

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

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