

Scout TB-6293

Miniature Fanless Edge Gateway PC

REGIMENT SERIES



Key Highlights

- Ultra-Compact and Sleek Handheld Design
- PoE Options 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

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).

I/O Views



Technical Specifications

Primary Components	
Processor Model	Intel Core 3 N355 Intel Processor N150
Memory Type	Onboard LPDDR5
Memory Support	8GB, 16GB
Storage Type	Onboard eMMC Flash 1x M.2 B-Key 2242/3042 Slot for SATA SSD
Thermal and 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)
Humidity Range	10%~95%, Non-Condensing
Cooling Solution	Passive - Fanless with Heatsink
External I/O ports	
USB	1x USB 3.2 Type-C (DP 1.4A) 3x USB 3.2 Gen2
Video Outputs	1x DisplayPort via USB-C Alt Mode 1x HDMI
LAN	2x RJ45 Gbe LAN Port (1x with PoE+ on PoE Models)
COM	1x COM via 59x2 NP9 Header (Adapter to DB9 Included) (RS-232/422/485)
Power Input Port	2-Pin Terminal Connector (Not included on PoE PD model)
Power	
Input Voltage Range	8-26V DC
Power Supply	65W (12V/5A) External Power Supply
Dimensions	
Dimensions	118.5 x 80.4 x 39.5 mm (4.7 x 3.2 x 1.6 in)
Enclosure	
Material	Aluminum
Color	Black & Blue
LED Indicator Light	Power, Storage
Control Buttons	Power Button
Mounting Options	DIN Rail Mount
Regulation	
Security Hardware	TPM 2.0
Certifications	CE, FCC
Operating Systems	
Windows	Windows 10 IoT, Windows 11 IoT, Windows 11 Pro
Linux	Linux Ubuntu 22.04 or above
Peripherals & Wireless Connectivity	
Wi-Fi	Optional Wi-Fi 6E
Bluetooth	Optional Bluetooth 5.3
SIM Card	1x Nano SIM Card Slot
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)

Specifications subject to change without notice.

USA

International HQ Teguar Corporation 2920 Whitehall Park Drive Charlotte, NC 28273
+1 704-960-1761
sales@teguar.com

EUROPE

Teguar Europe AG Churerstrasse 54, CH-8808 Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd. Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.) +886 2 7751 5319
sales@teguar.com.tw

