

The ECS Edge Connector provides seamless, advanced cybersecurity and private 5G capabilities by integrating Zscaler's industry-leading Zero Trust security exchange platform with powerful Intel® Atom Processors.

By replacing outdated VPNs, firewalls, and traditional SD-WAN infrastructure, the Edge Connector streamlines enterprise connectivity and enhances threat protection across distributed networks.

This delivers a highly scalable, secure, and simplified edge-to-cloud architecture optimized for modern cybersecurity and private 5G deployments.

Key Features

- **Intel® Atom X7000RE Processor:** Delivers reliable and high-performance computing for Edge/IoT workloads.
- **Zscaler Zero-Trust Exchange (ZTE) Platform:** Secure, zero-trust environment safeguards against cyber threats.

Market Applications

Retail

- Secures network solutions for POS systems, customer data security and supply chain logistics.

Healthcare

- Provides network security to support secure and efficient transmission of large volumes of sensitive data for telemedicine, EHR and other healthcare applications.

Finance

- Ensures secure, high-speed network solutions for real-time transaction processing, data analytics and compliance with financial regulations.

Government

- Provides FIPS-aligned encryption, tamper-resistant hardware and low-latency connectivity for mobile or temporary deployments.



Technical Specifications

COMPONENT	SPECIFICATION
Compute	Intel® Atom® Processors x7000RE Series
Memory (RAM)	DDR5-4800 SO-DIMM memory supports 16G
Storage	SATA 6Gb/s - 2.5" SSD; M.2 2242/2280 M key socket (SATA/PCIe Gen3x1) [FIPS]
I/O	Rich IO support, up to four LAN ports, eight COM ports, six USB ports
Cellular	Nano SIM
Security	TPM-SPI-A powered by Infineon SLB9672 (optional)
Remote Management	Out-of-band and in-band remote control, supports orchestration & telemetry
Environmentals	-20° to 60°C extended operating temp to MIL-STD 810H up to 5 Grms vibration
Safety	GB, CE-LVD, BSMI
EMC	CE, FCC, UKCA, RCM, IC< BSMI
Green	RoHS
OS Support	WS IoT Greengrass, Windows® 11 IoT Enterprise 24H2 LTSC / Linux by Project support
Form Factor	SFF, Fanless Edge Computer
Power	9 to 36 V DC, 2-pin terminal block, 150W (optional)
Expansion	M.2 E-key; M.2 B-key
Mechanical	254 x 147 x 57 mm; 2.45 kg; Wall mount / Din-rail (optional)

