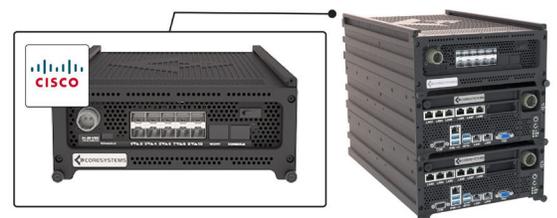## TACTICAL ATMOS EDGE NODE

Rugged ATMOS-Switch

Built for the most demanding environments, the Rugged ATMOS Switch delivers high-performance networking in extreme conditions. This ruggedized Cisco 10-Port 10Gb switch is engineered to withstand harsh operational environments, making it ideal for military, aerospace, industrial, and edge computing applications.

The integrated chassis rail system secures the nodes together, eliminating the need for an outer transit case and enables the stacking of unlimited independent ATMOS nodes and switches, creating a powerful, portable data center.

- Onboard UPS battery backup
- Tested to meet military standards
- Built in the USA

Key Features

- Cisco 9300 Switch
- 10× 10Gb Ethernet
- Cisco Reliability
- Military Tested
- Onboard UPS Battery Backup
- 24VDC power input
- Stackable Rugged MIL-Spec Chassis

CORE SYSTEMS

Technical Specifications

Dimensions
Height: 3.5 inches, Width: 8.5 inches, Depth: 14.75 inches
Weight: 10 lbs

Cisco Switch
10 × 10Gb Ethernet

Switching Capacity
Up to 200 Gbps

Forwarding Rate
150+ Mpps

Layer 3 Capabilities
TPM 2.0 Module

Network
Static & dynamic routing, VLAN support, multicast, and QoS optimization

Power
Onboard UPS Battery Backup

Power Supply
28VDC Power Input

EXT Power
AC/DC Power Brick

Chassis
Stackable Rugged MIL-Spec Chassis

Enviromental Specifications

Operational Temperature
MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Storage Temperature
MIL-STD-810F, Method 501.5, Procedures I/II: -55°C to +85°C

Humidity
MIL-STD-810F, Method 507.4: 95% RH, 48 hours at 40 – 65°C

Altitude
MIL-STD-810F, Method 500.4: 12,500 ft operation; 40,000 ft transport

Vibration
MIL-STD-810G, Method 514.6: 4.43 GRMS, 5-20000Hz, 60 min/axis

Shock
MIL-STD-810G, Method 516.6: 20g, 11ms functional; 40g, 11ms crash hazard

EMC
MIL-STD-461F: CE & RE emissions

Work With Core Systems Today

Core Systems designs and builds rugged servers, displays, mission computers, and integrated cabinet solutions for military and industrial applications. From our 85,000 sq. ft. San Diego facility, we deliver cutting-edge, durable computing solutions for mission-critical needs.

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Poway, CA 92064