

TACTICAL ATMOS EDGE NODE

Rugged ATMOS-Switch

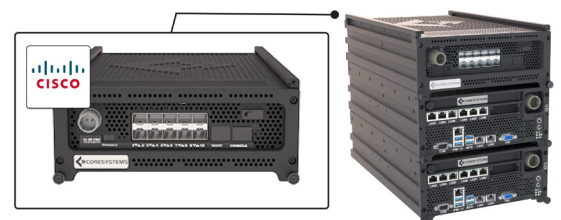
Built for the most demanding environments, the Rugged ATMOS Switch delivers high-performance networking in extreme conditions. This ruggedized Cisco 10-Port 10Gb switch is engineered to withstand harsh operational environments, making it ideal for military, aerospace, industrial, and edge computing applications.

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





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

Environmental 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, 5-2000Hz, 60 min/axis

Shock

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

EMC

MIL-STD-461F: CE & RE emissions

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Core Systems

13000 Danielson St
Poway, CA 92064

