



## RUGGED CISCO C118S SERVER

### Military-Grade 1U Cisco Server

The MIL-SPEC Rugged **C118S Cisco** 1U Server is the most versatile, general-purpose enterprise infrastructure and application server in the industry. This high-density, two-socket, enterprise-class rack server is built to tackle a wide range of workloads, including virtualization, collaboration, and bare-metal applications, all in a compact 1RU package. Designed to MIL-STD-810 and MIL-STD-461 standards, it delivers outstanding reliability and performance in harsh environments.

Equipped with up to 24 DDR4 DIMMs for improved speed and energy efficiency, the C118S also features 2x PCIe Gen 3.0 slots for expansion and 2x embedded 1 Gigabit Ethernet LAN-on-motherboard (LOM) ports for robust connectivity. With flexible storage options and rugged thermal management, it ensures mission-critical operations stay secure and responsive wherever deployed.

- Application-specific design
- Tested to meet military standards
- Built in the USA

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### Featured Specifications

#### CPU

Latest Intel Xeon Scalable Processor

#### Memory

Up to 1TB DDR4 ECC Registered  
24 DIMM slots

#### Expansion

2x PCIe Gen 3.0 slots for additional cards

#### Power

Power options available

#### Chassis Type

Aircraft-Grade Aluminum



## Technical Specifications

### Dimensions

Height: 1.75 inches, Width: 19.00 inches, Depth: 18.00 inches  
Weight: 23.50 lbs

### CPU

Latest Intel Xeon Scalable Processor

### Memory

24 DDR4 DIMM slots  
Support for DDR4 registered RDIMMs and LRDIMMs

### Networking

2x embedded 1GbE LAN-on-motherboard (LOM) ports

### Expansion Slots

Qty: 1, full height

### PCIe Expansion

2x PCIe Gen 3.0 slots available for other expansion cards

### Power Supply

770W

### Cooling

High CFM, low decibel

### Chassis

Lightweight aluminum 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: -15°C to +55°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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