

RUGGED ATMOS SINGLE NODE



ON-THE-MOVE TACTICAL SERVER NODE

The Rugged ATMOS server is an independent stackable node computer with the latest Intel® Xeon® scalable CPU. This server can act as a standalone unit or be connected to multiple enclaves via the stackable ATMOS Chassis Rail System. Each ATMOS node is equipped with onboard UPS battery backup for uninterrupted C2 on-the-move operations.

- ✓ Up to 32x Total Xeon® Scalable Cores
- ✓ Up to 2TB RAM
- ✓ Stackable Rugged Chassis
- ✓ Onboard UPS Battery Backup



C2 ON-THE-MOVE

The ATMOS server node by Core Systems is the most versatile and cost-effective tactical data center, operating on 24-28VDC battery power with integrated UPS in each node.



RUGGED ATMOS SINGLE NODE



TECHNICAL SPECIFICATIONS

CPU

32x Intel® Xeon® Scalable Cores

STORAGE

2x 2TB M.2 Hot-Swap SSD Drives

2x 15.36TB Hot-Swap SSD Drives

MEMORY

512GB DDR4 RAM (Supports up to 2TB RAM)

NETWORK

2x 10G onboard NIC Port

1x 4-Port 10G NIC Card

GRAPHICS

(Optional) NVIDIA GPU Card

SECURITY

TPM 2.0 Module

POWER

Onboard UPS Battery Backup

24VDC power input

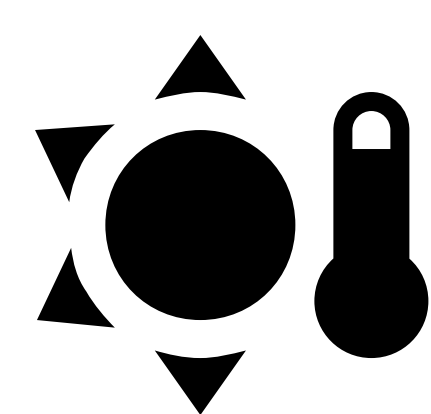
CHASSIS

Stackable Rugged MIL-Spec Chassis

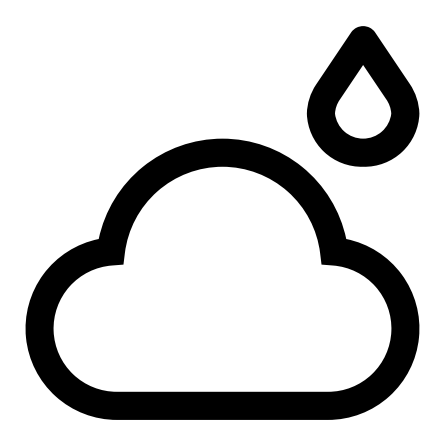


ENVIRONMENTAL TESTING

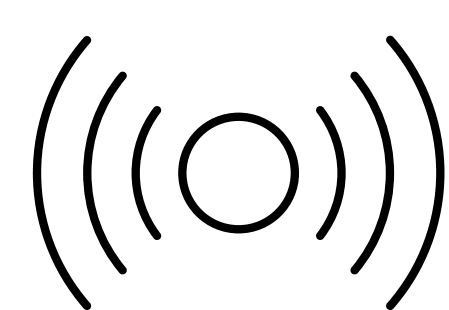
Tested to meet military environmental specifications.



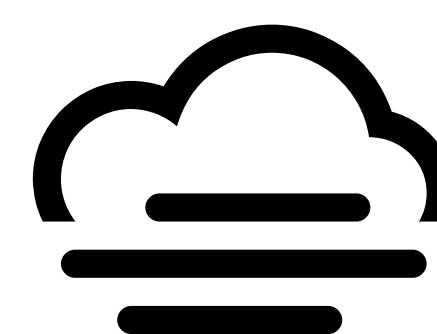
+/- TEMP



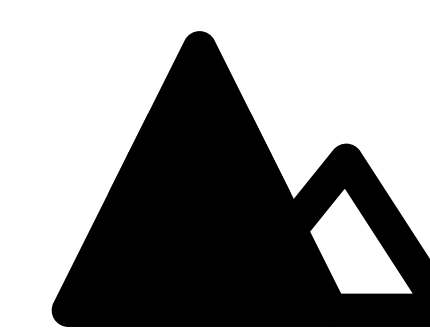
HUMIDITY



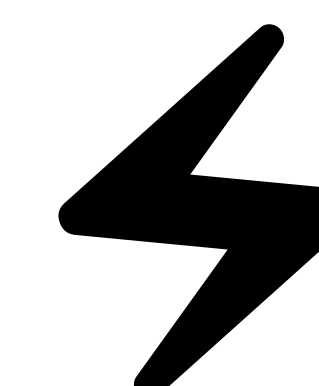
SHOCK/VIBE



SALT/FOG



ALTITUDE



EMI

ABOUT CORE SYSTEMS

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 85,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Our wide range of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.

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