

RUGGED ATMOS FULL STACK



ON-THE-MOVE TACTICAL SERVER RACK

The Rugged ATMOS Stack is 5-Node system with the latest Intel® Xeon® scalable CPU. Each independent node is equipped with onboard UPS battery backup for uninterrupted C2 on-the-move operations.

- ✓ Ultra-sturdy, all-aluminum chassis
- ✓ Up to 2TB RAM per node
- ✓ Stackable Rugged Chassis
- ✓ Application-specific

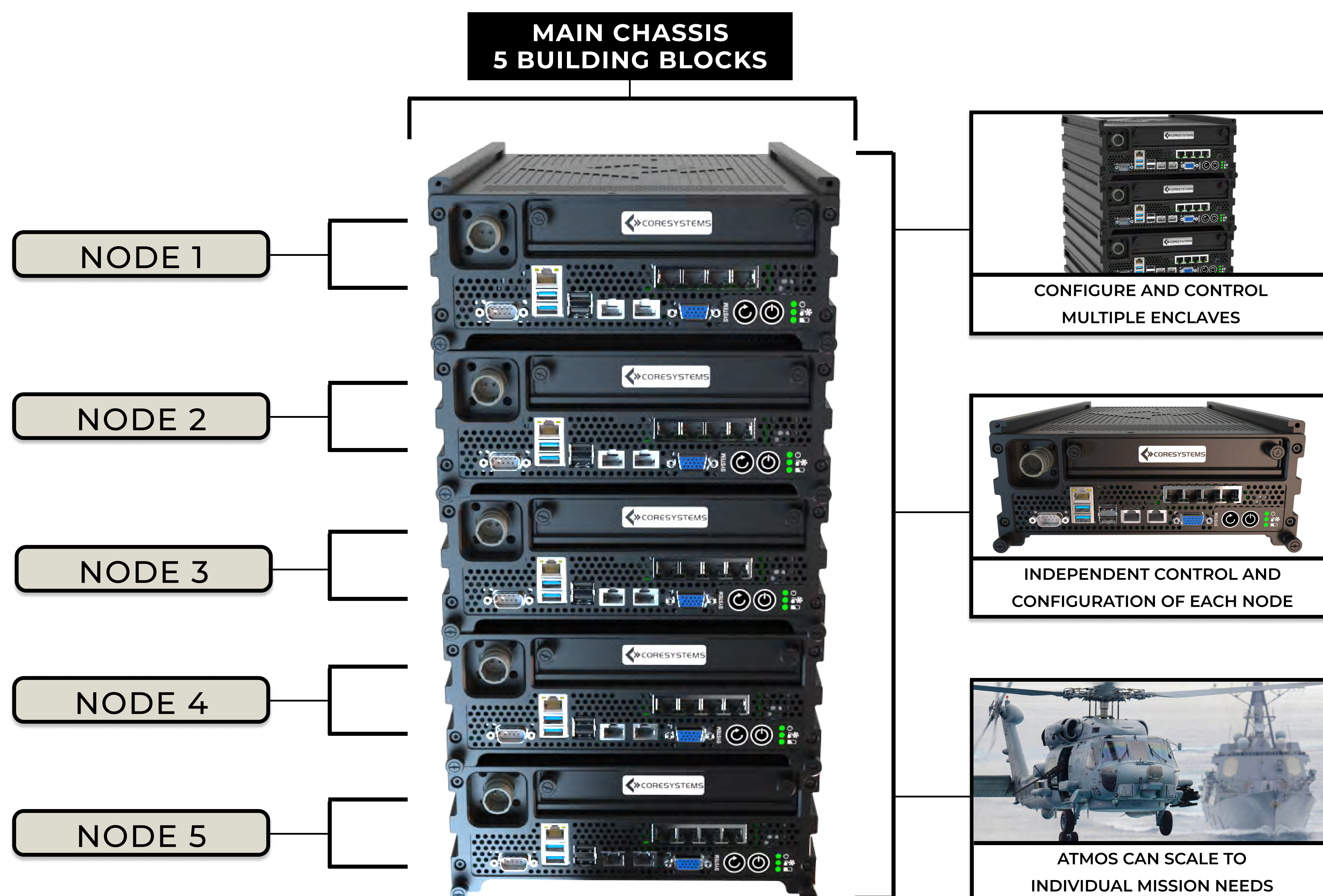


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FULL SERVER RACK CAPABILITY

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



RUGGED ATMOS FULL STACK

ON-THE-MOVE TACTICAL SERVER RACK

CPU

32x Intel® Xeon® Scalable Cores (per node)

160x Intel® Xeon® Scalable Cores (per system) with 5 node configuration

STORAGE

2x 15.36 TB SSD (per node)

153.60 TB SSD (per system) with 5 node configuration

MEMORY

512GB REG ECC RAM (per node)

2560GB REG ECC RAM (per system) with 5 node configuration

Up to 2TB Per Node

POWER

24-28VDC Input Power (per node)

Optional Integrated AC to DC Power Supply

ADD-IN I/O CARDS (PER NODE)

4-Port Ethernet Card (1Gb or 10Gb)

GPU Card

MAIN CHASSIS HEIGHT

17.50 in

MAIN CHASSIS WIDTH

12.00 in

MAIN CHASSIS DEPTH

15.0 in

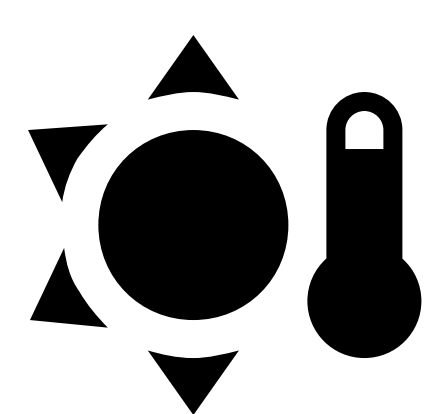
MAIN CHASSIS WEIGHT

Sub 70 lbs total payload with 5 node configuration



ENVIRONMENTAL TESTING

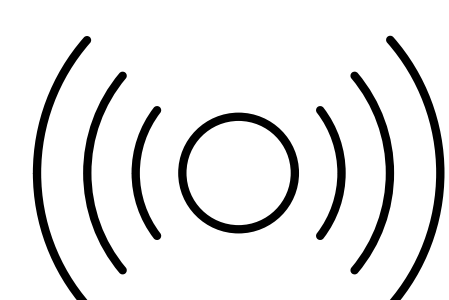
Tested to meet military environmental specifications.



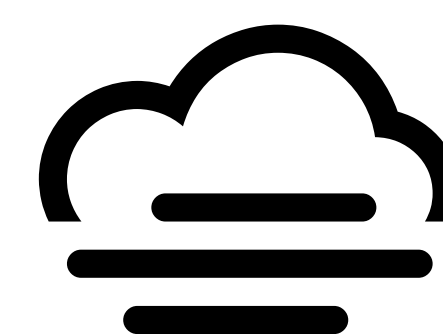
+/- TEMP



HUMIDITY



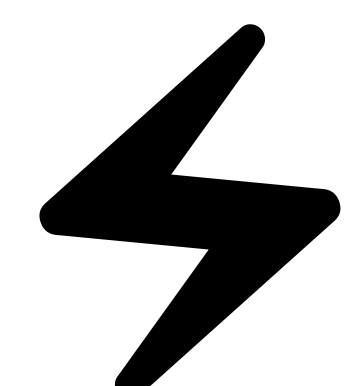
SHOCK/VIBE



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.