

# 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.

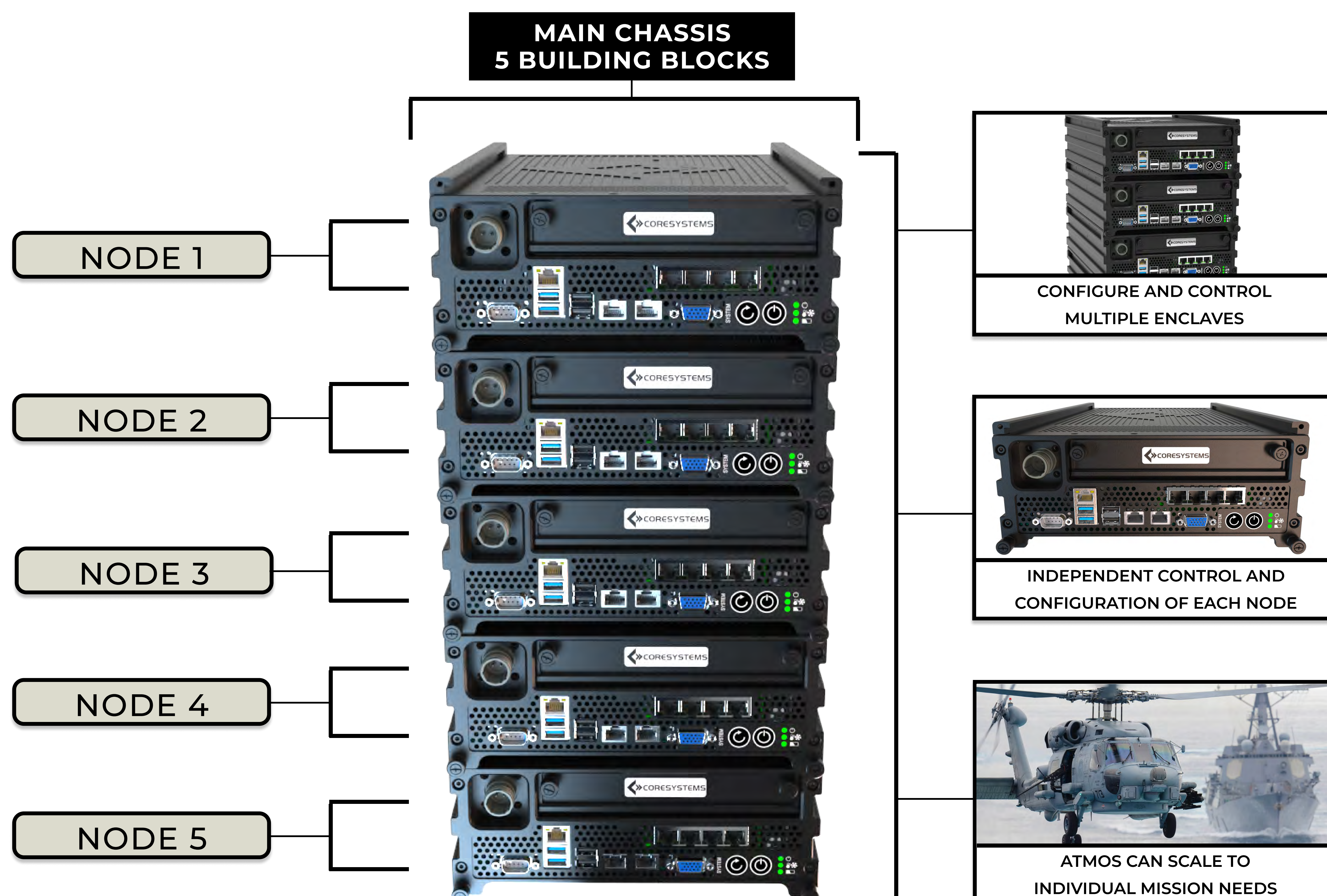
- ✓ Ultra-sturdy, all-aluminum chassis
- ✓ Up to 2TB RAM per node
- ✓ Stackable Rugged Chassis
- ✓ Application-specific

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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

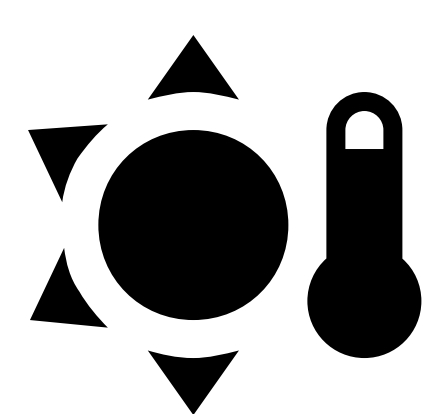
### MAIN CHASSIS WEIGHT

Sub 70 lbs total payload with 5 node configuration



## ENVIRONMENTAL TESTING

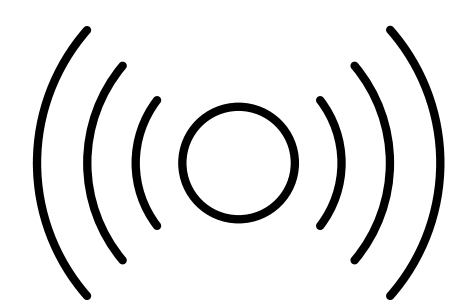
Tested to meet military environmental specifications.



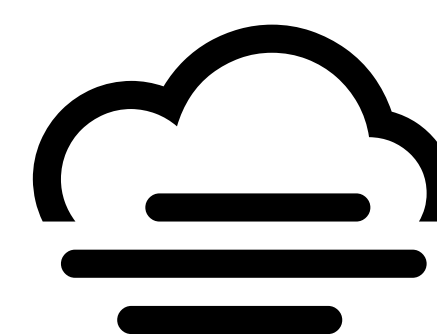
+- TEMP



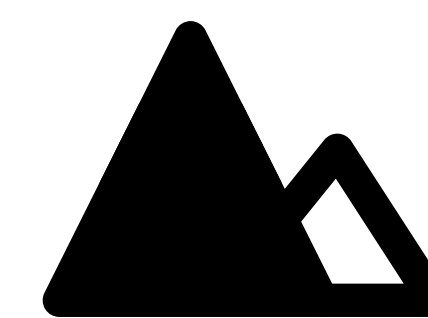
HUMIDITY



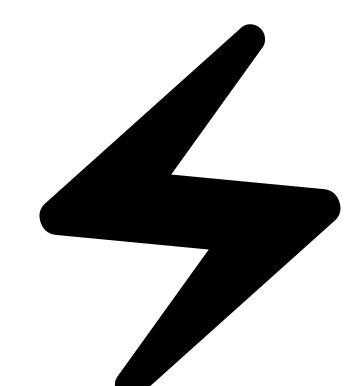
SHOCK/VIBE



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.