

# RUGGED ATMOS-HRL

## TACTICAL SERVER RACK

The Rugged 3-Node ATMOS-HRL from Core Systems features three independent Hot Swap 3rd Generation Intel® Xeon® Processor server nodes connected to the onboard Cisco® ESS-9300 10G switch with integrated UPS battery backup for each node.

- ✓ Up to 96x Total Cores
- ✓ Up to 1024GB Total RAM
- ✓ CISCO ESS-9300 10G Switch
- ✓ Lightweight 98 pounds



## FULL SERVER RACK CAPABILITY

The ATMOS-HR by Core Systems features the industry's lowest size, weight, power and cost (SWaP-C) of any deployable tactical data center and operates on 24-28VDC battery power with integrated UPS power in each node.





# RUGGED ATMOS-HRL



## CPU

32x Intel Xeon Cores (per node)

128x Intel Xeon Cores (per system)

## STORAGE

15.36 TB SSD, 46.08 TB (per system)

FIPS 140-2 Options Available

Stackable external NAS storage

Option for up to 16x drives and 246TB

## MEMORY

256GB REG ECC RAM (per node)

1024GB REG ECC RAM (per system)

Up to 2TB per Node

## POWER

24-28VDC Input Power per node

Optional Integrated AC to DC Power Supply

## SWITCH

CISCO 10-Port ESS-9300 10G Switch (Custom Options Available)

## HEIGHT

15.00 in

## WIDTH

11.75 in

## DEPTH

15.90 in

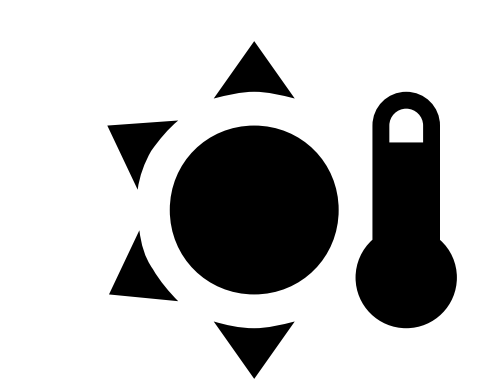
## WEIGHT

98 lbs



## ENVIRONMENTAL TESTING

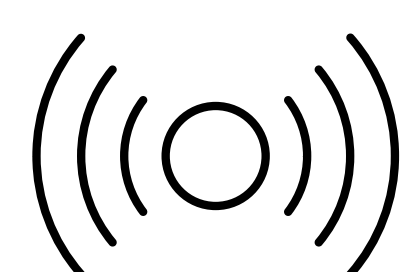
Tested to meet military environmental specifications.



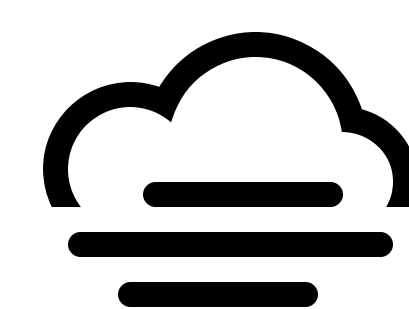
+/- TEMP



HUMIDITY



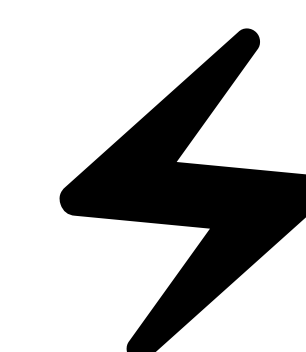
SHOCK/VIBE



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.