

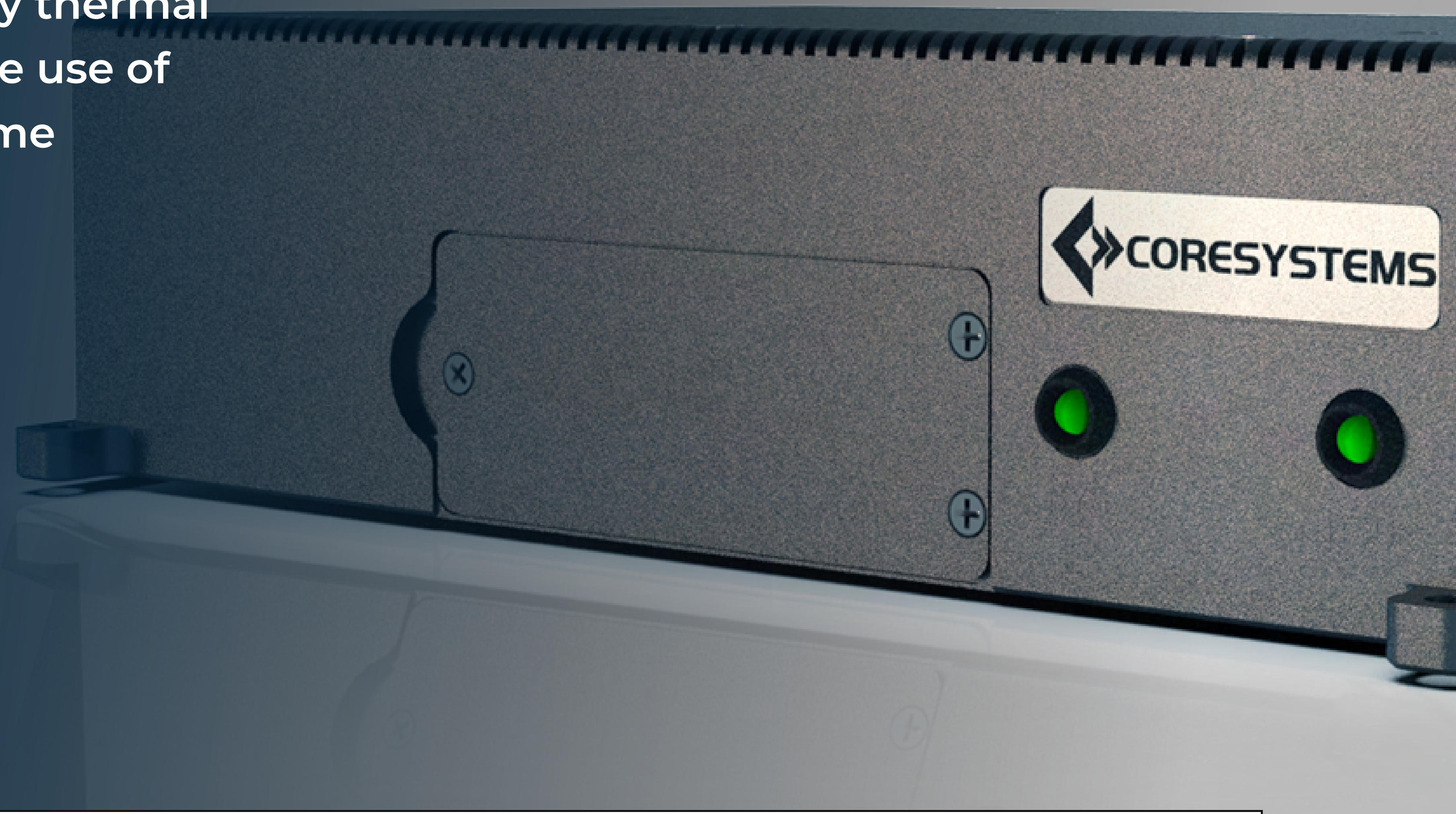
# RUGGED AR8

RUGGED MISSION COMPUTER



The AR8 is a small, rugged, and SWaP optimized Cross-Domain Solution built for extreme environments. The fully conduction-cooled chassis that utilizes proprietary thermal transfer technology to cool the system without the use of moving parts. The chassis is built to survive extreme temperature, shock, and vibration.

- ✓ 6-Core Intel Xeon CPU
- ✓ 64GB ECC RAM
- ✓ Rugged Military-Grade Design



## RUGGED CROSS-DOMAIN SOLUTION

We work with you to meet specific requirements and specifications for your rugged computing needs. Our mission computers are application-specific and can meet a variety of MIL-STD requirements.



# RUGGED AR8



## DIMENSIONS (HxWxD)

1.75 in | 7.5 in | 7.65 in

## WEIGHT

3 lbs

## POWER

28VDC

## RAM

64GB ECC RAM

## CPU

Intel® Xeon® E-2276ML, 6-CORE 2.7GHz

## EXPANSION

3x Mini PCIe Modules

## ETHERNET

4x GbE Ports with On-Board Magnetics

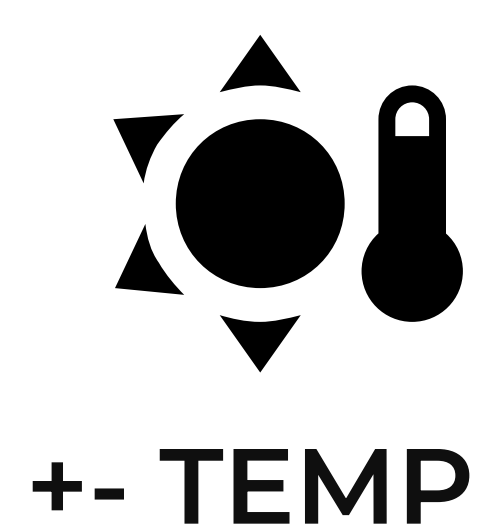
## VIDEO

VGA

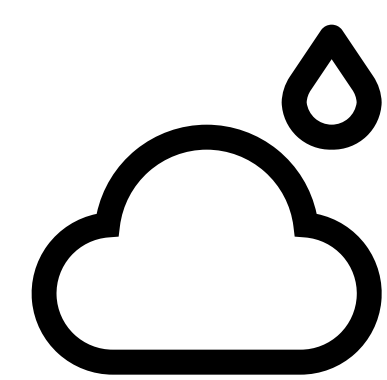


## ENVIRONMENTAL TESTING

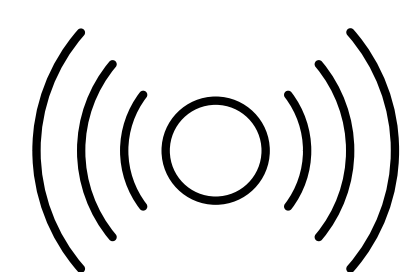
Tested to meet military environmental specifications.



+ - TEMP



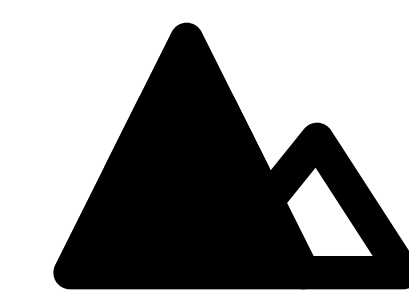
HUMIDITY



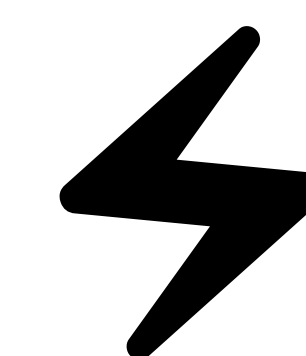
SHOCK/VIBE



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.