Mercury’s rugged edge servers are designed to address computing, reliability, space and security challenges found at the tactical edge, and to tackle the most challenging workloads in the most remote environments.

Built for every inhospitable corner of the world

Mercury’s rugged edge servers are engineered to maximize uptime and availability for mission-critical operations whether across land, sea, air or space.

Field-proven servers are engineered to maximize uptime and availability for mission-critical operations whether across land, sea, air or space.

Purpose-built to operate and fit anywhere

A broad portfolio of lightweight 1U through 4U and custom-form-factor servers simplify transport and operation in space-constrained platforms — anywhere.

Made in the USA

Our servers are designed and built in the USA to deliver uncompromised performance, even in unsecure environments.

Performance to accelerate any workload

Featuring cutting-edge commercial technology, including Intel processors, NVIDIA GPUs and Ethernet networking, our servers accelerate your unique workload — wherever it may be.

 Tested and certified for the edge

Certifications and military standards:

Certifications:

- MIL-STD-1553
- MIL-STD-1750
- MIL-STD-461F
- Mil-Std-202F
- Mil-Std-2167

Military Standards:

- MIL-STD-810
- MIL-STD-1474
- MIL-461
- MIL-STD-704
- MIL-1399/300
- MIL-STD-167
- MIL-DTL-901
- IEC 60749
- MIL-STD-883
- MIL-STD-810

Electromagnetic interference standards:

- MIL-STD-461
- MIL-STD-1553
- COTS (Commercial Off-The-Shelf)

Purpose-built to operate and fit anywhere

- Shorter than data center servers by 61%
- Lighter than the same data center counterpart by 53%
- Quieter for stealth operations (approx. 55dB) by 20%
- AC or DC Power flexibility

Made in the USA

- CMMI Level 3
- DFARS 252.204-7012 / NIST SP 800-171A
- AS9100, AS5553, ISO9001 facilities
- IPC-1791 secure facilities (BuiltSECURE)

Certifications:

- MIL-STD-810
- MIL-STD-1474
- MIL-461
- Mil-Std-202F
- Mil-Std-2167
- MIL-STD-883
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MILITARY STANDARDS

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- Commercial Off-The-Shelf (COTS)

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- COTS (Commercial Off-The-Shelf)
- Commercial Off-The-Shelf (COTS)

Performance to accelerate any workload

Up to 112 cores per server

12 TB RAM

Up to 112 cores per server

21,000 MSL

- Operational altitude above mean sea level

-1500 ft

- Depth below sea level

-46°C to 76°C

- Operational temp range

4.43 GRMS

- Up to 2000 Hz vibration

40 Gs

- Shock tolerance

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