

RUGGED EDGE SERVERS

BUILT FOR EVERY INHOSPITABLE CORNER OF THE WORLD

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.

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.

UP TO 112 CORES | 12 TB RAM
per server

FIELD-PROVEN IN THE HARSHTEST ENVIRONMENTS

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

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

OUR SOLUTIONS SUPPORT MORE THAN 300 PLATFORMS AND PROGRAMS



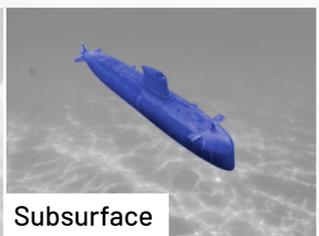
Land



Sea



Aerospace



Subsurface

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.



61%

Shorter than data center servers



53%

Lighter than the same data center counterpart



20%

Quieter for stealth operations (approx. 55dB)



AC or DC

Power flexibility

SALT / FOG

SAND / DUST

WATER IMMERSION

FUNGUS / HUMIDITY

MADE IN THE USA

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

PROTECTED SERVER DESIGNS

- CMMI Level 3
- DFARS 252.204-7012 / NIST SP 800-171A

MANUFACTURED WITH SUPPLY CHAIN INTEGRITY

- AS9100, AS5553, ISO9001 facilities
- IPC-1791 secure facilities (BuiltSECURE)

MADE IN USA

BuiltSECURE™

TESTED AND CERTIFIED FOR THE EDGE

CERTIFICATIONS

- MIL-STD
- MIL-DTL
- IEC
- EN50155
- TEMPEST
- DO-160

MILITARY STANDARDS

- MIL-STD-810
- MIL-STD-1474
- MIL-461 | MIL-STD-704
- MIL-STD-1399/300
- MIL-STD 740/2
- MIL-STD-167
- MIL-DTL 901

ELECTROMAGNETIC INTERFERENCE STANDARDS

- MMIL-461 | CE101
- CE102 | CS101 | CS114
- CS115 | CS116
- RS101 | RS103
- RE101 | RE102
- CNSSAM TEMPEST

PROTECT YOUR MISSION TODAY

Contact us to see how we can solve your mission-critical challenges

Learn More
Visit: mrcy.com/servers