

RES HD 3U Rugged Chassis

20" Deep, Rear I/O and Front I/O Rugged Blade Chassis

- Extended 15 year lifespan
- 6 slots for "plug and pull" blades
- Blade backward and forward compatibility
- Redundant AC/DC power for high availability
- Portable with rugged transit case
- MIL-STD 810G



Technical Specifications

Reliability

Safety: EN60950
RFI/EMI: EN 55032, EN 55024, EN 61000
MIL-STD 810G

Environmental*

Operating

Temperature: 0°C to 50°C
Humidity: 8% to 95%
Shock: 3 axis, 35g, 25ms
Vibration (10-2000Hz): 4.76Grms, 5Hz to 2000 Hz (SSD)

Non-Operating (if different)

Temperature: -40°C to 70°C
Humidity: 5% to 95%

Power Supply Options

Single or Redundant 100/240V VAC (1200W, 50/60Hz, 400Hz)
Single or Redundant 10-36 VDC, 32 Amps
Single or Redundant 36-72 VDC, 18 Amps

Additional Options

Shock Pins
Front Door Filter
Slide Rails

Mechanical

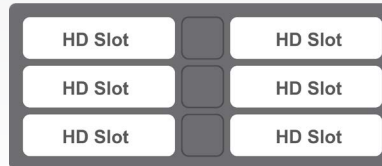
Height: 5.25 inches (133.35mm)
Width: 17 inches (432mm)
Depth: 20 inches (508mm)
Weight: ~24.5lbs (11.1kg)
19" rackmountable

*Mercury Systems designs all products to meet or exceed listed data sheet specifications. Some specifications including I/O profiles, weight, and thermal profiles are configuration dependent. Contact Mercury for information specific to your desired configuration requirements.

Accessories

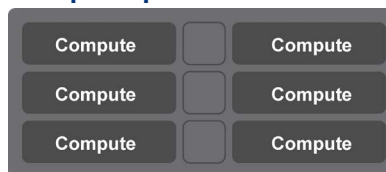
18-30" Slide Rail and Shock Pin Kit
Rugged Transit Case
Height: 12 inches, Length: 34 inches, Width: 24 inches
Material: Polycarbonate
Features: Detachable front/rear lids, handles and wheels

Six Chassis Slots with Redundant Power



Configure Your Way

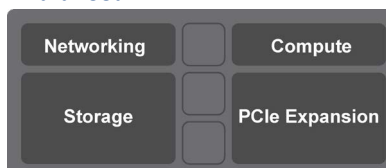
Compute-Optimized



Mixed



Balanced

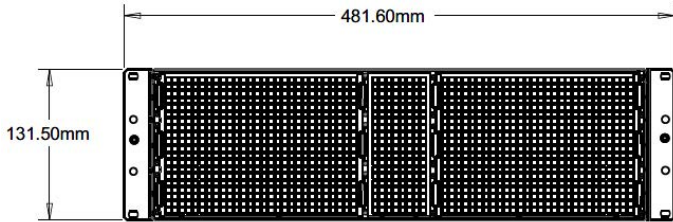


Custom Expertise

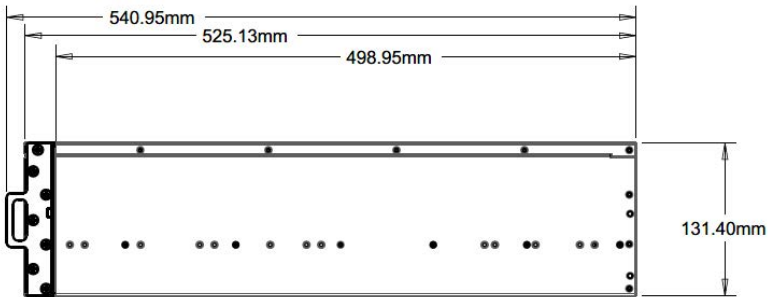
For tailor-made systems with specific security and environmental requirements, email servers@mrcy.com

FRONT INPUT/OUTPUT

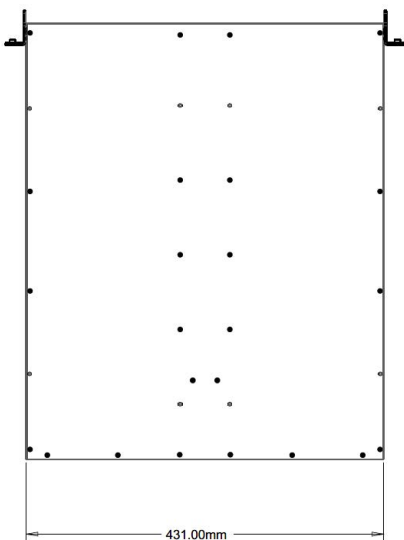
Front View



Side View

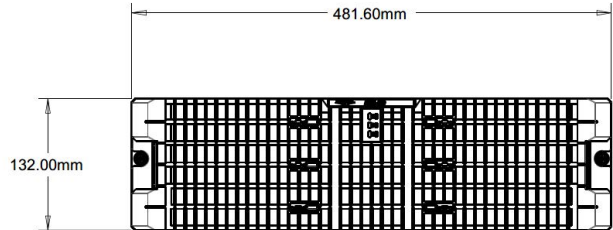


Top View

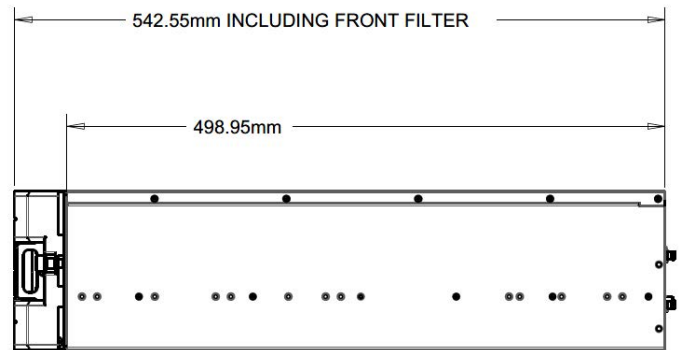


REAR INPUT/OUTPUT

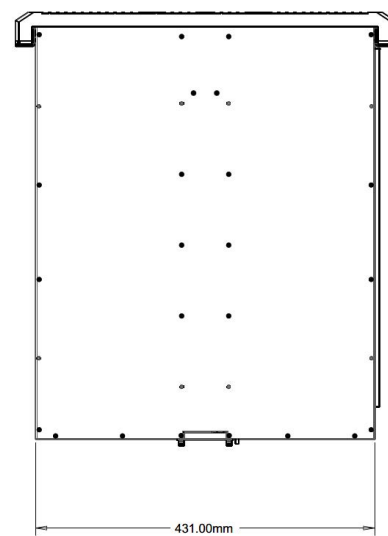
Front View



Side View



Top View



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