HDslim Rugged Chassis

20.7” Deep, Rear I/O Rugged Blade Chassis

- 4 slots for ‘plug and pull’ blades
- Redundant AC/DC power for high availability
- Fits in commercial airline bins
- One-man lift for operations on the move
- Mobile carry case option
- MIL-STD 810G

Technical Specifications

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

Environmental*
Operating
Temperature: 0°C to 50°C
Humidity: 8% to 95% (non-condensing)
Shock: 3 axis, 35g, 25ms
Vibration: 4.76G rms, 10Hz to 2000 Hz (SSD)
Non-Operating
Temperature: -40°C to 70°C
Humidity: 5% to 95% (non-condensing)

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: 4U or 7 inches (177.8mm)
Width: 9.9 inches (251.5mm)
Depth: 20.7 inches (526mm)
Weight: ~18.1lbs (8.21lbs)

* 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
Rugged Carry Case
Height: 10 inches, Length: 22 inches, Width: 14 inches
Material: Aluminum
Features: Detachable front/rear lids and handles

Four Chassis Slots with Redundant Power

Configure Your Way
Compute-Optimized
Mixed

Storage Expansion
Networking
Storage & Compute