

Chassis Specifications

Dimensions: 5.255" (h) x 19" (w) x 17" (d)
Weight: 42 lbs.
Construction: 18G Steel
Cooling: Forced Air (Liquid & Conduction Available)
Mount: Rack (Fixed or Slides), Bulkhead (Isolators)

Motherboard & Processor

Processor: Dual Socket Intel® 5500 Series
Dual Socket AMD Socket F
Memory: Up to 32GB (DDR333) or 16GB (DDR400)
Expansion Slots: (7) Full-Height PCI-X/E

Power Supply

Option #1: Hot-Swap 110/220V AC (STD)
Option #2: 24/48V DC

Peripheral Bays

Bay #1: 2.5" SAS/SATA HDD
Bay #2: 2.5" SAS/SATA HDD
Bay #3: Compact Flash Adapter
Bay #4: CD/DVD/Blu-Ray RW Drive

Environmental Specifications (Built-to-Meet)

* Operating Temperature: 0°C to +60°C
Non-Operating Temperature: -40°C to +80°C

** Operating Altitude: 15,000ft. ASL
Non-Operating Altitude: 40,000 ASL

Humidity: RH 95% Non-Condensing

Shock: MIL-STD 901D Grade A

Vibration: MIL-STD 167-1/2

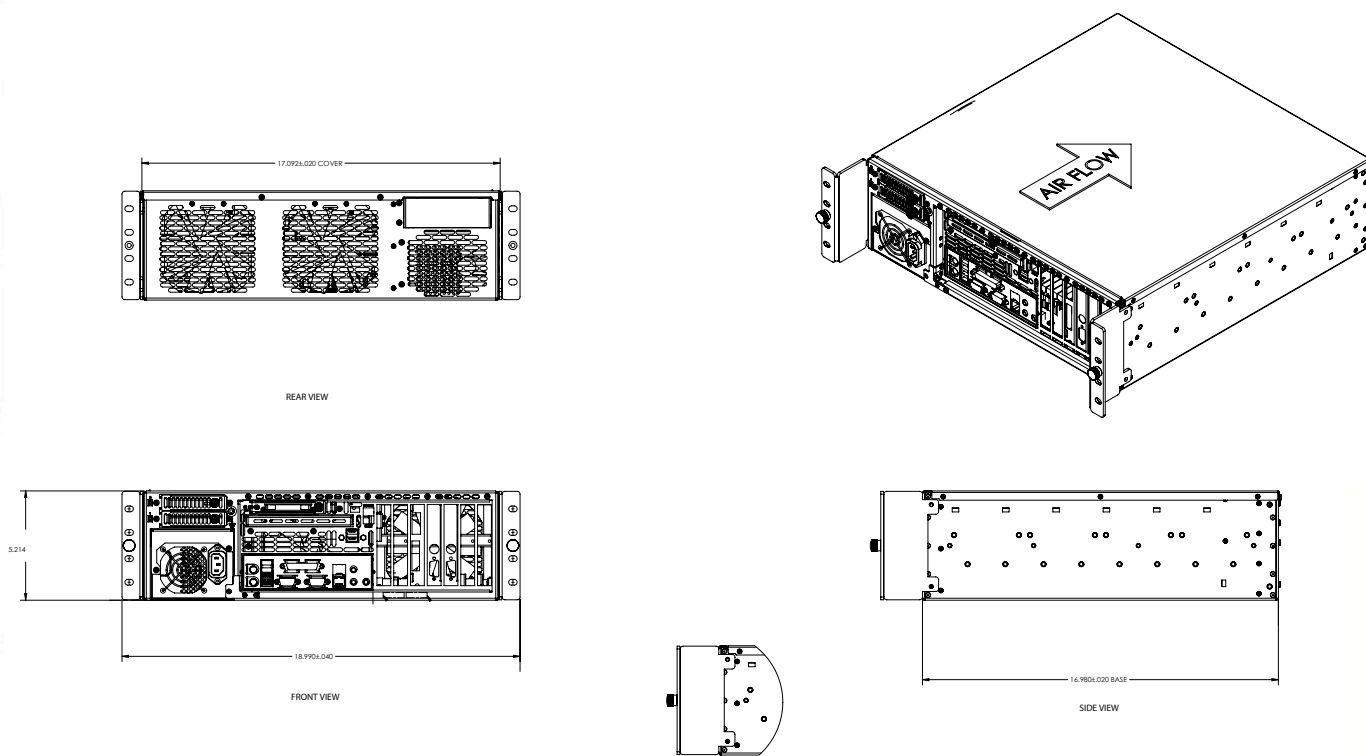
Sand & Dust: MIL-STD 810F M-510.4

Salt Fog: MIL-STD 810F M-509.4

Fungus: MIL-STD 810F M-508.5

* Using standard air-forced cooling. Liquid, conduction cooling is also available.

** Higher altitudes may be achieved using solid-state media.



3U rugged tactical server

modular design

Every Germane server is inherently built to withstand the rigors of battlefield deployment -AND- be modular in design to allow the end-user to customize the system to suit their exact specifications. Settling for a close-fit -OR- paying design charges and waiting for development are things of the past.

Germane's 3000 Series servers are versatile, rugged, and configured specifically to meet exact standards and specifications. When mission-critical solutions are deployed, make sure they are Germane.

evaluation

When evaluating systems for rugged deployment, there is one manufacturer that stands alone, GERMANE. No manufacturer can match the Germane Advantage against:

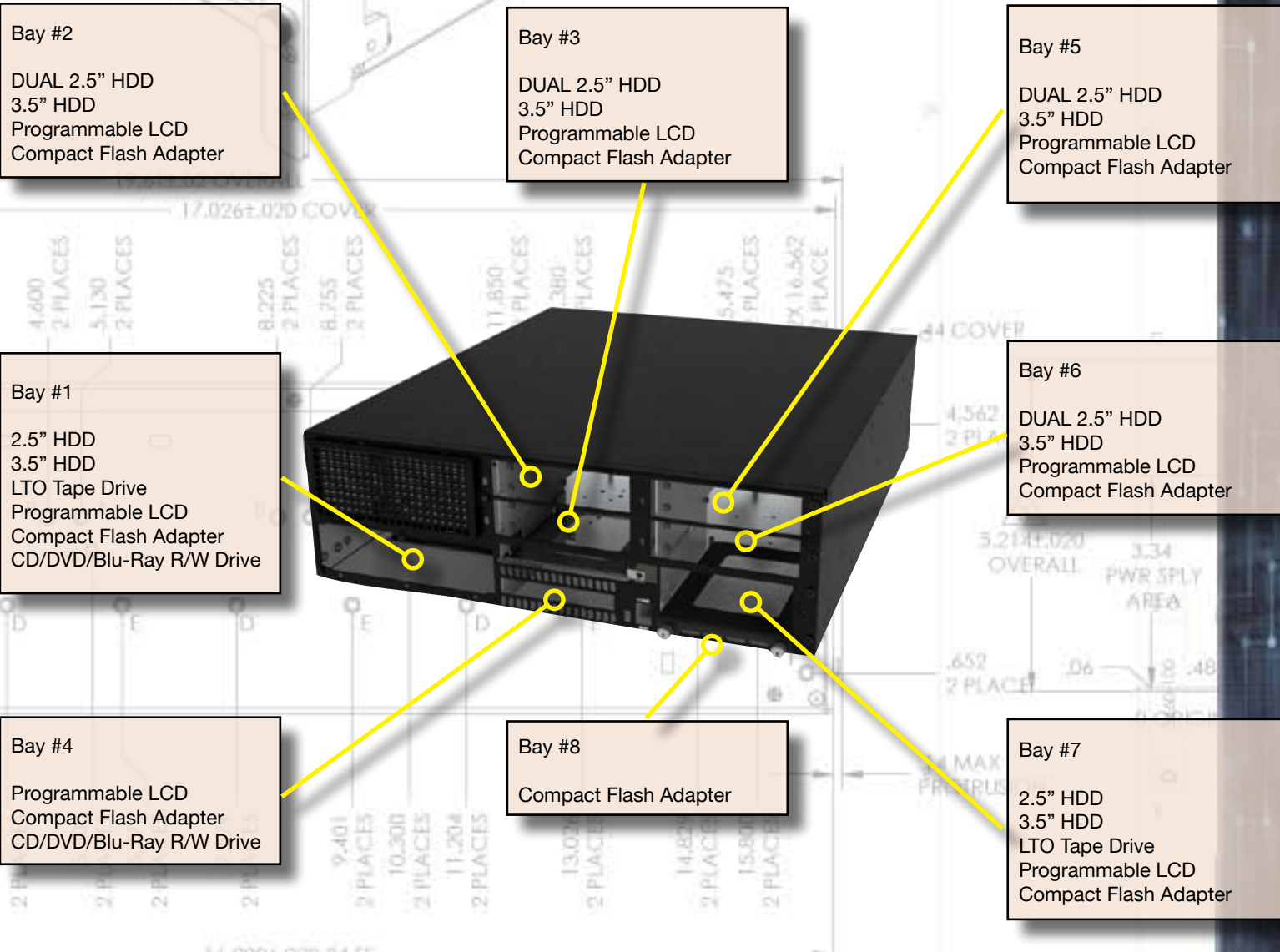
Performance (GFlops/Sec)
Chassis (Rack Unit or Cubic Inch)
Power (Watts)
Price (\$)

Every Germane system is custom tailored to exceed the design criteria without sacrificing other important benchmark variables. The numbers don't lie. Plug in our benchmark numbers against the competition's and the answer to "why not deploy with Germane" will be as simple as 1, 2, 3.

features...

- 17" Deep Chassis
- Dual Socket Intel or AMD Quad Processors
- Supports SEVEN Full-Length PCI-E Cards
- Front I/O Design

- Configurable Drive Bay Layout
- Military-Grade Construction
- Latest Technology - COTS Components
- Full Life-Cycle Management



Basic 3000 Series Server shown with REAR I/O. GS3460 has I/O Panel in front of unit - limiting available drive bays.