

MIL-STD RUGGED DISK STORAGE SYSTEM

GERMANE GS9120 10TB DISK DRIVE STORAGE ARRAY

The GS9120 is a 1U disk drive storage array supporting 10 hot-swappable disk drives mounted in a rugged all steel chassis. Using a custom 6 Gbyte/sec SAS/SATA controller the GS9120 supports the highest read/write performance available. With Germane's COTS-based architecture you can customize the GS9120 to meet your exact mission requirements. This rugged disk storage array is built to meet the harsh and rapidly changing environmental requirements of today's asymmetrical missions.

Key features of the GS9120 Disk Drive Storage Array

- Use HDD and SSD technology simultaneously
- Meets or exceeds MIL-STDs
- 3 year warranty – standard
- Shallow 14" depth
- 10 TB storage using HDD
- 10 disk drive capacity
- Hot-swappable drives
- 6 Gb/sec SAS/SATA



GERMANE SYSTEMS

A leading manufacturer of ruggedized COTS-based open architecture computer solutions that designs custom solutions for your requirements with rapid in-house prototyping.

Germane provides configuration and End of Life (EOL) product management with complete environmental and structural testing capabilities.

DESIGN

TEST

BUILD

SUPPORT



GS9120 DISK DRIVE STORAGE SPECIFICATIONS

Disk Drives Supported

- 10 disk drive carriers
- 2.5" X 12.5mm hard disk drives SAS/SATA
- 2.5" X 12.5mm solid state drives SAS/SATA

Interface

- 6Gb/sec SAS/SATA
- 2 expander rear ports
- 2 host rear ports

Chassis

- Dimensions: 1.75" (h) x 17" (w) x 14" (d)
- Weight: 17.5 pounds (with 10 2.5" drives installed)
- Construction: 18/20 gauge steel
- Cooling: Forced air (rear vent)
- Mount: 19" rack (slide capable)

Power Supply

- 320W 110/220 VAC

Environmental Specifications

- Operating Temperature: 0°C to +50°C
- Non-Operating Temperature: -40°C to +80°C
- Operating Altitude: 10,000 ASL
- Non-Operating Altitude: 40,000 ASL
- Humidity: RH 95% Non-Condensing

MIL-STD Specifications

- MIL-STD 810F/G
- Shock: MIL-STD 901D Grade A
- Vibration: MIL-STD 167-1
- Airborne Noise: MIL-STD 1474D
- Structure Borne Noise: MIL-STD 740-2

NOTE - This is a preliminary document and all specifications are for reference only and are subject to change without notice.

Germane Systems, LC designs all products to meet or exceed the specifications listed. Due to the multiple combinations of CPUs, main boards, memory peripheral cards, HHD and SSDs available in our modular COTS configurations it is not practical to test every combination. Please contact your Germane Systems representative for qualification testing specific to the desired configuration for your application.

BUILT IN THE USA

ISO 9001:2008 CERTIFIED COMPANY

WOMAN-OWNED SMALL BUSINESS

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