



FlacheSAN2

Key Features:

- 48x COTS 2.5"x7mm size SSD bays per 2U space for maximized SSD density
- Tool-less SSD carrier design
- Up to 250Gbit/s sustained random read throughput
- Capable of supporting 2+ million IOPS
- 8x PCIe Gen3 I/O add-in cards

2U High Performance SSD Flash Storage Appliance

Specifications

Supported CPU	Up to two socket 2011 Intel® Xeon® E5 2600 (Sandy Bridge) or E5-2600V2 (Ivy Bridge) processors; 8 GT/s Intel® QPI	Compatible OS	Linux RedHat Enterprise 6 64bit, Suse Linux Enterprise Server 11.2 64bit, VMWare ESX 4.1/ESXi4.1, Windows 2008 R2, Windows Server 2012, CentOS 5.6, Ubuntu 11.10
Chipset	Intel® C602 chipset	Cooling	4x quick-swap 80mm PWM fans
Memory	16 DDR3 four channel/CPU 800/1066/1333/1600/1866 RDIMM/UDIMM/LRDIMM	Power	800W AC/DC 1+1 80Plus high-efficiency redundant power supply (750W -48VDC option available)
Network	Quad GbE ports i350 onboard	Backplane	4 x direct attached 3G/6G SATA support, 12 SFF8087
I/O Expansion	External: 7x PCIe Gen3 X8 LP + 1x PCIe Gen2 X4 LP slots; Internal 1x PCIe Gen3 x8	Peripherals	12 8087 to 8087 SAS cable included, 2 x 2U skt2011 CPU heatsink included
Storage	48x 6G SATA 2.5"x7mm hotswap SSD bays + 2x internal 2.5"x7mm SSD for OS	Gross Weight	58 lbs
Graphic	Matrox G200 VGA	Dimension	System: 26" x 16.9" x 3.46" (LxWxH) Packaging: 36" x 24.5" x 10.5" (LxWxH)
I/O	Front: 1 x USB2.0; Rear: 4 x USB2.0 and 1 x Serial DB9	HTS Code	8473 30 5100
Server Management	Onboard Server Engines LLC Pilot III Controller Optional Remote Management Module for Dedicated Server Management NIC	ECCN	4A994
		Environmental	Operating Temperature: 0°C to 35°C Non-Operating Temperature: -20°C to 70°C Humidity: 5% to 95% non-condensing CE, FCC Class A, RoHS 6/6 compliant
		Compliance	

Ordering Information

BBGD24803A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 6xSAS HBA, Rev A
BBGD24804A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 3xSAS RAID, Rev A
BBGD24805A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 6xSAS HBA, 3xFDR IB Rev A
BBGD24806A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 3xSAS RAID, 3x FDR IBRevA
BBGD24808A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 4xSAS RAID, Rev A
BBGD24810A	Barebone, FlacheSAN2 2U 48x 2.5" bays w/800W RPS, 4xSAS RAID, 4x FDR IB RevA
SRTL20A30C	Tool-less ball-bearing sliding rail 20" extendable to 28"
SRTL28A30C	Tool-less ball-bearing sliding rail 28" extendable to 36"

- High Performance Computing storage
- Digital content streaming at the network edge
- OLTP (database & gaming) high performance storage
- Datacenter & IP-SAN caching appliance