



NVMe SAN2U-4R



First to the Market Rugged Server W/HOT Swap NVMe PCIe Drives

Key Features:

- Support dual Intel® Xeon® E5-2600v4/v3 Broadwell/Haswell
- Front hot-swap 4x Full Height NVMe PCIe3 x8 Add-in-Card
- Up to 24GB/s (168Gbps) sustained read throughput and up to 3.6M IOPS
- Support up to 2x Low Profile PCIe3 x16 Expansion slots and PCIe3 x8 IOM
- High Efficiency Platinum Redundant power supplies

Specifications

Supported CPU Support Dual Intel® Xeon® E5-2600v4/v3 Broadwell/Haswell up to 135W TDP socket R3

Chipset Intel® C612 chipset

Memory Support Support 16x DDR4 ECC RDIMM/LRDIMM 1600/1866/2133/2400MT/s max. 1TB capacity

Expansion Slots Support up to 2x Low Profile PCIe3 x16
1x PCIe3 x8 IO Module

Storage 4x Full Height Hot-Swappable PCIe3 x8 NVMe
2x Internal 2.5" bays for OS
4 SSD 2.5" drives

Network Dual GbE Intel® i210
Optional 56Gb FDR Infiniband QSFP+ or
Dual 40GbE Ethernet through I/O Module
1x IPMI Management RJ45 port

Power 1+1 750W AC/DC 80 Plus Platinum Redundant PSU

Security Intel® Trusted Execution Technology; TPM 1.2

NVMe Drives

Data Center Selection
960 GB, 1.90 TB, 3.80 TB, 7.60 TB
NVMe PCIe Gen 3.0 x8 HHHL
Enterprise Selection
800 GB, 1.60 TB, 3.20 TB, 6.40 TB
NVMe PCIe Gen 3.0 x8 HHHL

Supported OS

Windows 2012 R2, RHEL 6.5, SLES 11 SP3,
Windows 2008 R2, VMWare ESXi 5.5, FreeBSD 9.2
Centos 6.5; For other OS please contact us

Front Panel

Power On/OFF with LED, reset Switch, NMI switch,
Locate Switch with LED, 4x LAN LED, Warning LED

Rear I/O

DB15 VGA, 2x RJ45 1GbE, 1x Serial DB9,
1x RJ45 MGMT, 2x USB 3.0, 2x USB 2.0
1x ID LED, optional dual QSFP+

Cooling

3x 97mm cooling fans

Other Features

Dedicated GbE for IPMI 2.0

Weight

Gross: 23KG/50LBS; Net: 17KG/37.4LBS

Dimensions

System: 20"x19"x3.5" (LxWxH)

Logistic

HTS Code: 8473 30 5100; ECCN: 4A994

Environmental

Operating Temperature: 0°C to 35°C
Non-Operating Temperature: -20°C to 70°C
Humidity: 5% to 95% non-condensing

Compliance

CE, FCC Class A, RoHS 6/6 compliant

Ordering Information

CRS104C11
1U NVMe Barebone with 750W RPS 4x Full Height NVMe bays



- All Flash Array Storage
- DataCenter/ Cloud & Virtualization
- High Speed OLTP Trading
- Enterprise VDI Scaleout Servers
- High Speed Database Servers
- Mission Critical Low Latency Server

Cheetah RAID Storage - 866-322-0788 x1