



FLASH STORAGE SERVER

FlacheSAN1N36M-UM

FlacheSAN1N36M-UM 1U36 NVMe 3RD GEN AMD EPYC Flash Storage Server

FEATURES

- Storage server supports Single Socket 3rd Gen Milan AMD EPYC up to 64 cores
- Single/Multi NUMA domain
- 1U with 36x hot-swappable M.2 NVMe SSD bays
- Supports 2x Gen4 x16 and 1x Gen3 x16 OCP Slots; Up to 4TB DDR4 RAM
- Capable of sustaining up to 300Gbps of bandwidth and 7.8M IOPS



SPECIFICATIONS

System	
Processor	Supports Single Socket AMD MILAN up to 240W TDP socket SP3
System Memory	Supports up to 16x DIMMs DDR4 2666/3200 MHz
Network	2x GbE ports, 1x GbE dedicated for IPMI
Storage	x48 lanes PCIe
Supported OS	Microsoft Windows Server 64bit 2012.R2, 2016, 2019, Linux RHEL 7.6, SuSE SLES 11/12, Ubuntu 16.04.3 LTS VMWare vSphere 6.5, XenServer 7.0
Cooling	5x 40mm fans with Smart Fan Control
Drive Bays	36x M.2 (2260/2280/22110) NVMe with adapter tray; 2x internal M.2 NVMe for OS drives
Power	1+1 850W AC/DC or -48VDC/DC high efficiency redundant power supplies
Expansion	2x PCIe 3.0/4.0 x16; 1x PCIe 3.0 x16 OCP 2.0 Mezzanine
Other Features	Dedicated GbE for IPMI 2.0
I/O	2x USB 3.0 ports; 1x VGA port(s); 1x COM Port; 2x 1GbE ports; 1x 1GbE MGMT
Front I/O	Power On/Off switch & LED, Locate switch & LED, NMI switch, 2x LAN LED

Environment	
Operating Temperature	0°C ~ 35°C
Storage Temperature	-20°C ~ 70°C
Relative Humidity	5% ~ 95% relative humidity, non-condensing
HTS Code	8473 30 5100
ECCN	4A994
Compliance	CE, FCC Class A, RoHS 6/6 compliant
Physical	
Dimensions (W x H x D)	System: 27.5"x19"x1.75" (LxWxH) Packaging: 35"x 24.5"x9" (LxWxH)
Weights	Gross: 50lbs without drives; Net: 35lbs without drives

* All specifications and photos are subject to change without notice



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