

MX3R2U12

3 Class 2U 12-Bay Server

Benefit from scalable storage performance and dataset processing with the MX3R2U12 server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of the most demanding and process intensive video surveillance applications.

Up to 192TB of raw storage allows for long term video storage and archiving, while Intel® Xeon® Silver 4210 Scalable processors provide unrivaled throughput and computing potential. (24) DDR4 DIMM slots allow for maximum memory bandwidth utilization with support for six-channel memory architecture.

Dual M.2 SSDs for the operating system and application accelerated load times. System reliability and high availability is guaranteed with redundant 750W power supplies and RAID 5/6 storage options, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.

KEY FEATURES

- Up to 192TB of Raw Storage
- Single Intel Silver 4210R
- Operating System: Windows 10 Pro / Server 2019
- iDRAC Feature include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



SSD & 24/7 Duty Cycle SATA Drives



5-Year, On-site, NBD



RAID Options: 0, 1, 5, 6 or 10



Redundant Power



CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Intel Silver 4210R
Processor Passmark	15121
Maximim Storage	192TB
Operating System	Windows 10 / Windows Server 2019
OS Drives	2x 240GB M.2 SSD BOSS Card
Memory	32GB (4x 8GB) RDIMM ECC
RAID	OS RAID 1, Data RAID 0, 1, 5, 6, 10
RAID Controller	PERC H740P
Networking	2x 1GbE RJ45 Broadcom 5720 Onboard LOM, 1x Mezz Slot, 1x iDRAC
Expansion Slots	1x PCIe x16 Full-height, 3x PCIe x8 Low-profile
Front I/O	2x USB 2.0, 1x Micro USB for iDRAC
Back I/O	2x USB 3.0, 1x VGA, 1x Serial
Remote Management	iDRAC
Manufacturer	Dell
Warranty	5-Year, On-site, NBD
MECHANICAL	
Form Factor	PowerEdge R540
Rack Support	Yes
Hard Drive Bays	12x 3.5"
Hard Drives Supported	Up to 12x 3.5" HDD, 4TB, 8TB, 12TB, 16TB
Power Supply(s)	2 x 750W
Operating Temperature	5°C - 40°C
Operating Humidity	5 - 85%
Dimensions (WxDxH)	19" x 28.25" x 3.41"
Max. Weight	65.43lbs
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

