

## Data Sheet

### VX3R2U12

### 3 Class 2U 12-Bay Server

Benefit from scalable storage performance and dataset processing with the VX3R2U12 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



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CERTIFIED | PURPOSE BUILT | GUARANTEED

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

