MIRASYS

MX4R2U18

Data Sheet

MX4R2U18

4 Class 2U 18-Bay Server

Benefit from scalable storage performance and dataset processing with the MX4R2U18 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 288TB of raw storage allows for long term video storage and archiving, while (2) Intel® Xeon® Silver 4214 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 1100W 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 288TB of Raw Storage
- Dual Intel Silver 4214R
- Operating System: Windows 10 Pro / Server 2019
- iDRAC Feature include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

intel XEON SILVER inside®

SSD & 24/7 Duty Cycle SATA Drives

5-Year, On-site, NBD

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

Redundant Power

MIRASYS

MX4R2U18

Data Sheet

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Dual Processor: 2x 4214R
Processor Passmark	16140 x 2
Maximim Storage	288TB
Operating System	Windows 10 / Windows Server 2019
OS Drives	2x 240GB M.2 SSD BOSS Card
Memory	64GB (8x 8GB) RDIMM ECC
RAID	OS RAID 1, Data RAID 0, 1, 5, 6, 10
RAID Controller	PERC H740P
Networking	Broadcom 5720 Quad Port rNDC + Broadcom 57412 SFP+ Low-profile add-in-card
Expansion Slots	3x PCIe x8 Full-height, 1x 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 R740xd
Rack Support	Yes
Hard Drive Bays	18x 3.5"
Hard Drives Supported	18x 3.5" Bays (12 front, 4 internal, 2 rear)
Power Supply(s)	2x 1100W
Operating Temperature	5°C - 40°C
Operating Humidity	5 - 80%
Dimensions (WxDxH)	19" x 29.58" x 3.41"
Max. Weight	73lbs
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.