



PRP-212 Series Servers

Enterprise Class 2U 12 Bay Rackmount Video
Recording Servers



Key features

- Supports Up to 384 Channels
- Pre-Installed SSM VMS
- (1) Intel® Xeon® Silver Scalable Processors
- Supports Storage Up to 264TB
- Windows Server 2022 IoT
- SATA
- RAID 0, 1, 5, 6, 10
- iDRAC Enterprise
- Redundant Power
- 5 Year On-Site, NBD, Keep Your Hard Drive Warranty
- Middle East and Africa Exclusive

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SYSTEM	
Operating System	Windows Server 2022 IoT
Memory	32GB (2x16GB) DDR5, RDIMM 488 MT/s
Storage	M.2 SSD 2x480GB On RAID 1
Processor	(1) Intel Xeon Silver 4410Y Scalable Processors (12Core, 24 Threads, Base Frequency 2.00GHz, Turbo Frequency 3.90Ghz)
Networking	(2) 1GbE RJ45 Ports, (2) 10GbE BASE-T Adapter, OCP NIC 3.0
PCIe	1 PCIe slots (1 x16 Gen4)
Ports	1 x USB 2.0, 1 x USB 3.0, 1 x VGA
Video Outputs	1xVGA
Remote Management	iDRAC9
STORAGE	
Hard Drive Bays	(12) 3.5" Hot Swappable Bays
Maximum Storage	(2) M.2 SSD Slots
Hard Drive Supported	up to 264TB of RAW Storage (22TB)
RAID	PCIe NVMe& SATA
RAID Controller	RAID 0, 1, 5, 6, 10
Recording Rate Throughput	
Recording Rate	128Channel – Up to 700Mbps 256Channel – Up to 1.5Gbps 384Channel – Up to 2Gbps * The calculation is based upon these parameters: 1080p @ 30fps, 5Mbps/Channel H.264
MECHANICAL	
Form Factor	2U
Power Supply	2x800W (100–240VAC) Platinum
Operating Temperature	(Min) 50°F – (Max) 95° F
Operating Humidity	(Min) 10°C – (Max) 35° C
Heat Dissipation	10 ~ 80% (non-condensing)
Dimensions (WxDxH)	3000 Max BTU/hr
Max. Weight	18.97" (482mm) x 30.44" (772.13mm) x 3.39" (86.8mm)
Warranty	65.36 lbs. (29.64Kg)

Ordering Model Codes (SKU's)



Models	Description
PRP-1-212-144-16	128ch-2U 12 bay, (1) Intel Xeon Silver 4410 Scalable Processor, 12Core, 2x480GB M.2 Boss Card on RAID 1 for OS, 32GB RAM, (9)x16TB SATA HDD (2)1GbE, (2) 10GbE BASE-T, PERC H755 8GB NV Cache RAID Controller, iDRAC Enterprise 16G, (2) 800W PSU, Windows Server 2022 IoT, 5Yrs Warranty with KYHD.
PRP-2-212-192-16	256Ch-2U 12 bay, (1) Intel Xeon Silver 4410 Scalable Processor, 12Core, 2x480GB M.2 Boss Card on RAID 1 for OS, 32GB RAM, (12)x16TB SATA HDD (2)1GbE, (2) 10GbE BASE-T, PERC H755 8GB NV Cache RAID Controller, iDRAC Enterprise 16G, (2) 800W PSU, Windows Server 2022 IoT, 5Yrs Warranty with KYHD.
PRP-2-212-240-20	256ch-2U 12 bay, (1) Intel Xeon Silver 4410 Scalable Processor, 12Core, 2x480GB M.2 Boss Card on RAID 1 for OS, 32GB RAM, (12)x20TB SATA HDD (2)1GbE, (2) 10GbE BASE-T, PERC H755 8GB NV Cache RAID Controller, iDRAC Enterprise 16G, (2) 800W PSU, Windows Server 2022 IoT, 5Yrs Warranty with KYHD.
PRP-3-212-264-22	384ch-2U 12 bay, (1) Intel Xeon Silver 4410 Scalable Processor, 12Core, 2x480GB M.2 Boss Card on RAID 1 for OS, 32GB RAM, (12)x22TB SATA HDD (2)1GbE, (2) 10GbE BASE-T, PERC H755 8GB NV Cache RAID Controller, iDRAC Enterprise 16G, (2) 800W PSU, Windows Server 2022 IoT, 5Yrs Warranty with KYHD.

- Design and Specifications are subject to change without notice.
- For Middle East and Africa Projects Only