

# PDY22HCR

2U DP 24-Bay NVMe/SATA Rack Server



## Features

- AMD EPYC™ 7002 / 7003 series processor family
- Dual processors, 7nm technology
- 16-Channel RDIMM & LRDIMM DDR4, 32 x DIMMs
- Dual ROM Architecture supported
- 1 x dedicated management port
- 6 x 2.5" NVMe / SATA hot-swappable bays
- 18 x 2.5" SATA hot-swappable bays
- 2 x M.2 slots PCIe Gen4 x4 interface
- 1 x OCP 2.0 Gen3 x8 SFF Mezzanine slot
- 2 x FHFL PCIe Gen4 x16 expansion slots
- 2 x FHHL PCIe Gen4 x16 expansion slots
- Dual 1200W / 1600W (240V) 80 PLUS Platinum redundant power supply

## Specification

<b>Dimensions</b>	2U (W450 x H88 x D780mm)	<b>Backplane I/O</b>	PCIe Gen4 x4 or SATA 6 GB/s
<b>Motherboard</b>	Daytona XT	<b>Power Supply</b>	Dual 1200W / 1600W 80 PLUS Platinum redundant power supply AC Input: 100 – 240V
<b>CPU</b>	AMD EPYC™ 7002 / 7003 series single / dual processors, 7nm technology Up to 64-core, 128 threads per processor cTDP up to 240W / 280W 2 x LGA 4094 Socket SP3	<b>OS Compatibility</b>	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 9 / 9.1 (x64) SLES 15 SP4 (x64) Ubuntu 20.04.5 LTS / 22.04 LTS / 22.04.1 LTS (x64)
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2500 management controller
<b>Memory</b>	32 x DIMM slots 16-Channel DDR4 memory, up to 3200 MHz RDIMM modules up to 128GB supported LRDIMM modules up to 128GB supported	<b>Rear I/O</b>	2 x USB 2.0 Gen1, 1 x RJ45, 1 x VGA, 1 x IOIOI
<b>LAN</b>	1 x 10/100/1000 management LAN	<b>Front I/O</b>	2 x USB 2.0, 1VGA
<b>Video</b>	Integrated in Aspeed AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<b>Operating Properties</b>	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>Storage</b>	6 x 2.5" Gen4 NVMe / SATA hot-swappable bays 18 x 2.5" SATA hot-swappable bays	<b>Packaging Content</b>	1 x PDY22HCR 1 x Rail kit 1 x Power Card HDD Screw If Applicable GPU Power Cable If Applicable
<b>Expansion Slots4</b>	2 x FHFL PCIe Gen4 x16 expansion slots 2 x FHHL PCIe Gen4 x16 expansion slots 1 x OCP 2.0 Gen3 x8 SFF Mezzanine slot 2 x M.2 slots PCIe Gen4 x4 interfaces		

Learn more about PRYSM server solutions, visit [www.velankanigroup.com](http://www.velankanigroup.com) | [www.prysmelectronics.com](http://www.prysmelectronics.com)



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