

PURLEY 4U GPU SERVER



High Memory / NVMe Storage
for Deep Learning, HPC and Render Farm

Best Suited for HPC, AI/Deep Learning and Rendering Applications

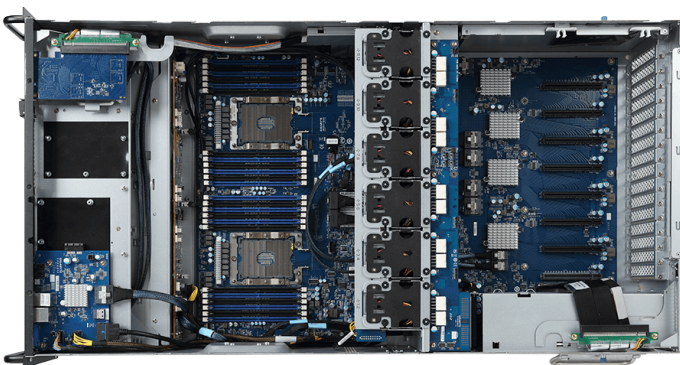
Product Number	NVIDIA Card	Max. Cards	Compute Power	Compute Precision	PNY Professional Services
PNYSRA4880V100-001	Tesla V100 16/32GB	8	★★★★★★	★★★★★★	Optional for 1- or 3-year SLA (service plan includes: Advance RMA, On-Site Maintenance and Remote Technical Support)
PNYSRA4882P100-001	Tesla P100 16GB	8	★★★★★	★★★★★	
PNYSRA48800P40-001	Tesla P40 24GB	8	★★★★★	★★★★	

FEATURES

- Hot-Swap Redundant PSU's & Hot-Swap Redundant System Fans
- Onboard SATA RAID 0/1/5/10 (Intel RSTe)
- PLX PCIe Switch Topology
- Avocent® MergePoint IPMI 2.0 web interface:
 - Network security & users control
 - Services settings & Sessions control
 - LDAP settings
 - Power control & voltages, fans and temperatures monitoring
 - Events management (platform events, trap settings, email settings)
 - Serial Over LAN
 - vKVM & vMedia (HTML5)

SPECIFICATIONS

- Form Factor & Dimensions: 4U, 880 x 448 x 176 (D x W x H, mm)
- Supported CPU: 2 x Intel® Xeon® Scalable Platinum/Gold/Silver/Bronze Processor Family
- Socket & Chipset: 2 x LGA 3647, Intel® C621
- Memory Capacity: 24 x DDR4 ECC RDIMM / LRDIMM slots 2666
- Storage Capacity: 8 x 2.5" hot-swappable SATA/SAS HDD/SSD bays + 2 x 2.5" hot-swappable U.2 NVMe/SATA HDD/SSD bays
- SATA RAID: Intel RSTe SATA RAID 0/1/5/10
- NVMe RAID: Intel Virtual RAID (VROC) RAID 0, 1, 5 for Intel SSD
- Network Controller: 2 x 10GbE LAN ports (Intel® X550-AT2) + 1 x GbE LAN port dedicated for IPMI (Realtek® RTL8211E)
- Expansion Slots: 8 x PCIe Gen3 x16 slots for GPUs + 1 x PCIe Gen3 x16 (x8 bus) HH HL slot in front (occupied by NVMe controller) + 1 x PCIe Gen3 x16 HH HL slot at rear
- Front/Back I/Os: 2 x USB 3.0, 1 x VGA, 1 x Serial, 3 x RJ45
- System Cooling: 6 x 60x60x76mm (23,000rpm) system fans
- Power Supply: 3 x 1600W redundant PSU (80 PLUS Platinum)



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