

Storage Server

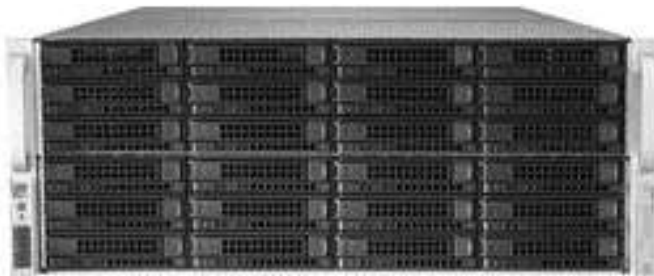
High Performance iSCSI/SAN/NAS Cloud



Model: PolyStor 4072A 72 x 3.5" SATA/SAS, RAID-5/6 iSCSI/NAS/SAN 2 x 10GigaLAN, Dual Socket, up to 1TB RAM

Featured Highlights

- **Dimensions:** 17.2(W)x35(D)x7(H) inch
- Up to 432TB per 4U box. With an affordable price, the best petabyte solution.
- Hardware Accelerated RAID-0, 1, 5, 6, 10, 50, 60 with support for hot spares.
- 72 x 3.5" SSD, SAS and SATA drives, mixable.
- Support for iSCSI, NFS, SMB, NAS, which can be mixed.
- 4 to 24 x Gigabit, or mix with 10Gbit, Fibre Channel Host, Infiniband.
- One or two Intel Xeon Multi-Core processors; up to 1TB system memory.
- Linux-based storage server for large-capacity, high-performance I/O networks.
- Redundant Power Supply. (2+1), KVM over IP supported.
- **OS:** Linux, Solaris, FreeBSD or Windows OS, supports Windows, Mac and Linux Clients.
- **Application:** Private / Public cloud application for live data, archive backup and recovery.



Specifications

<p>Processor</p> <ul style="list-style-type: none"> • Intel® Xeon™ Processor E5-2600 / E5-2600 v2 Series 	<p>I/O</p> <ul style="list-style-type: none"> • 6x USB 3.0 and 2.0 ports • VGA graphics • Optional: 2 additional I/O (such as COM, PS/2, TPM) supported by header or add-on
<p>Network I/O</p> <ul style="list-style-type: none"> • 4 Gigabit LAN or Dual 10 Gigabit LAN on-board • Optional: Additional twenty Gigabit LAN, 10Gbit Ethernet, Fibre Channel for SAN (can be mixed) • 56Gbit FDR, 40Gbit QDR or EDR Infiniband supported 	<p>Cooling</p> <ul style="list-style-type: none"> • Rear: 9 x 40 x 56mm hot-swap fans for HDD Bays + 4 x 60 x 38mm fans for MB
<p>Main Memory</p> <ul style="list-style-type: none"> • 32GB Quad-Channel ECC DDR3 system memory • Optional: up to 1TB system memory 	<p>OS and Storage Manager</p> <ul style="list-style-type: none"> • Linux OS and NAS/iSCSI WEB based Manager • Optional: Solaris, Windows Server, MS Storage Server, VMware, FreeBSD, Other Open Source Linux.
<p>Expansion capabilities</p> <ul style="list-style-type: none"> • Up to 7 x PCIe 3.0 slots (half height, full length) 	<p>Power Supply</p> <ul style="list-style-type: none"> • 1280W 2+1 redundant power supply (Optional 2000W) UR/FCC/CE Certified
<p>File System</p> <ul style="list-style-type: none"> • XFS, EXT3 standard • Optional: ZFS, NTFS, or any file system supported by the x86 platform. 	<p>Dimension</p> <ul style="list-style-type: none"> • 4U Rackmount Case • Dimension: 17.2(W)x35(D)x7(H) inch • Weight: 150 lb.
<p>Storage</p> <ul style="list-style-type: none"> • Hardware accelerated RAID controller (3 RAID processors) PCIe 3.0 8x bus • 72 x 3.5" hot-swap drive bays for SAS/SATA-6G/s 2TB, 3TB, 4TB, 5TB, 6TB HD or 500G to 1TB SSD • RAID 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60 with hot spare support (mixed configurations available) 	<p>Application</p> <ul style="list-style-type: none"> • Surveillance, SMB Storage, Servers <p>Environment</p> <ul style="list-style-type: none"> • Operating Temperature: 0 to +40 °C