



PegasusPro Series

Data Sheet

PegasusPro R8



PegasusPro R16



Features

- ▶ **Technology Breakthrough-FileBoost™**
Convert from DAS to NAS and vice-versa with FileBoost™ for the first time, reducing hours of troublesome transferring and sharing time to just one-click.
- ▶ **Investment Protection for Pegasus Users**
Aggregate, share content and expand up to total 6 daisy chain on Pegasus3 and/or Pegasus32 to ensure the best utilization of asset to Pegasus users, in addition, allow to be upgraded and adapted to fit future needs, e.g. 8K definition.
- ▶ **No Compromising Performance**
Embrace high performance file sharing for collaborative workflow features on Final Cut Pro X, Adobe Premiere Pro, DaVinci etc..
- ▶ **Ease of Use**
Plug and Play. Intuitive and simple PROMISE Utility Pro to simplify user and data administration, enables seamless transition and ease of use to end users.
- ▶ **Data Protection is essential**
Worldwide most robust PROMISE RAID engine, stable and high performance. Easy backup to NAS and Cloud.
- ▶ **Cost Effective**
All-in-one storage to support Thunderbolt™ DAS/Ethernet NAS/Thunderbolt™ NAS. Thunderbolt™ -to-Ethernet networking connects shared asset storage to workstations. Scale up storage capacity with up to 6 JBOD expansion units (Vess J3600sS) on PegasusPro R16.

PROMISE PegasusPro Is A Game Changer For Post Production Collaboration

PegasusPro leaps over technological hurdles to deliver a true Thunderbolt™ 3 DAS and NAS fusion system for a major improvement in workflow efficiency for digital media collaboration. PegasusPro is a kind of system that enables rapid data transfer from DAS to NAS and vice-versa, a huge time saving, performance improvement that is unique in the industry. In addition, utilizing 8th Gen Intel® Core™ processors, PegasusPro delivers remarkable system performance. Multiple team members can connect to PegasusPro on 4K, even 8K productions; And simultaneously share their work with other team contributors over 10G NAS. All done using a simple, intuitive user interface after a quick and easy one-time setup procedure.

Mac users familiar with the Pegasus Series will transit easily to PegasusPro. Just install PROMISE Utility Pro and connect to the shared storage. Data on your Pegasus3 or Pegasus32 is immediately accessible with a single Thunderbolt™ 3 connection to PegasusPro. Simplified administration is possible because NAS volumes and folders, including shared team folders on the DAS volume are already created. The administrator (master host system) has to simply allow or deny access to client users – that's it.



PegasusPro R16

Recommended for medium to large editing teams. Dual Thunderbolt™ 3 ports, supports up to five 4K concurrent editors and sharing with up to twenty NAS users with 10G Ethernet switch. Futureproof: can be upgraded and adapted to fit future needs, e.g. 8K definition. Extremely large storage capacity possible with 12G SAS JBOD expansion. High performance SSD support. PROMISE RAID performance, safety and fault tolerance.

PegasusPro R8

Recommended for small to medium team collaboration. Dual Thunderbolt™ 3 ports, supports collaborative editing of up to three 4K concurrent editors and sharing with up to twenty NAS users sharing with 10G Ethernet switch. Futureproof: can be upgraded and adapted to fit future needs, e.g. 8K definition. High performance SSD support. PROMISE RAID performance, safety and fault tolerance.

Product Specifications

| | PegasusPro R16 | PegasusPro R8 |
|--------------------------------|--|---|
| Model |  |  |
| Form Factor | Rackmount | Tower |
| CPU | Intel CPU i7-8700. 3.2GHz. 12MB Cache.65W 6 Cores | Intel CPU i5-8500.3.0 GHz. 9MB Cache.65W.6 Cores |
| Memory | 64GB up tp 128GB | 32GB up to 64GB |
| Memory Slot | 4 x Long-DIMM DDR4, Best performance with 4 DIMM used | 2 x Long-DIMM DDR4 |
| Drive Bays | 16 x 3.5-inch(Up to 112 Drives with JBOD Expansion) | 8 x 3.5-inch |
| Drive Support | 3.5" & 2.5" (SAS 12Gb/s; SATA 6Gb/s) HDD/SSD | 3.5" & 2.5" SATA 6Gb/s HDD/SSD |
| Hot Swap | Yes | Yes |
| RAID Level | RAID 0, 1, 5, 6, 10, 50, 60 | RAID 0, 1, 5, 6, 10, 50, 60 |
| Interface | | |
| Thunderbolt Port | Yes | Yes |
| Gigabit (RJ45) | 2 | 2 |
| LAN Port | 4 port 10GbE SFP/Base-T | 4 port 10GbE SFP/Base-T |
| USB Port | USB2.0*2 (Front) / USB3.2*4(Back) | USB2.0*2 & USB3.2*4 |
| Graphic Port | HDMI*1;VGA*1 | HDMI*1;VGA*1 |
| Serial Port | Yes | N/A |
| System | | |
| LED Indicator | Front Panel: Power Status, System Status, Global RAID Status, Global HDD Activity, System Heartbeat Drive carrier: Status and Activity | System Status and Thunderbolt Target Link Drive carrier: Status and activity |
| Power Button | Yes | Yes |
| Dimension(H x W x D) | 131mm x 447 mm x 503mm | 310 mm x 187 mm x 245 mm |
| Weight | 34Kg (with HDD) | 16Kg (with HDD) |
| Temperature Range | Operating: 5° ~ 40°C(non-operating:-40° ~ 60°C) | Operating: 5° ~ 35°C (non-operating: -40° ~ 60°C) |
| Acoustic Noise Levels | (with cable cover) level 10 : 39.7db (w/o cable cover) level 10 : 44db | level 0 : 37.7db |
| AC Input | (550W*1) 100 ~ 240V AC, 50 ~ 60Hz | (350W*1)100 ~ 240V AC, 47 ~ 63Hz |
| Fan | System fan: 4500RPM.12V | System fan: 2700RPM.12V |
| PCIe Slot | 2 | 2 |
| SAS 12G HBA for JBOD Expansion | Optional | N/A |
| System Warning | Buzzer | Buzzer |
| Warranty and Support | 3 years | 3 years |
| Software Highlights | | |
| Performance | One Master Host via high speed Thunderbolt™ 3 DAS and multiple member accounts for file sharing via 10G Ethernet (with up to 6,000MB/s system throughput for R16). | |
| PROMISE Utility Pro | Easy of use, very fast DAS (Block) and NAS (File) bidirectional conversion with FileBoost™ between DAS Volume and Team Volume | |
| Application Ecosystem | Good match with Apple Final Cut Pro X, Adobe Premier Pro, DaVinci ..., Post Production Softwares | |

*PegasusPro is compatible with a Thunderbolt™ 4 Windows PC except when it is connected behind a Thunderbolt™ 4 dock or Hub(Goshen Ridge based).

Contact us



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