PegasusPro Series   Data Sheet

PegasusPro R8

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. A single Thunderbolt™ 3 port direct-connecting to the Thunderbolt™ 3 editor and multiple 10Gbps LAN ports, sharing with up to twenty NAS users with 10G Ethernet switch, optimized up to five 4K concurrent editors. Aggregate, share content via 1G/10G Ethernet ports and expand up to total 6 daisy chain Pegasus3 and/or Pegasus32 via another Thunderbolt™ 3 port 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. 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. A single Thunderbolt™ 3 port direct-connecting to the Thunderbolt™ 3 editor and multiple 10Gbps LAN ports, sharing with up to twenty NAS users with 10G Ethernet switch, optimized up to three 4K concurrent editors. Aggregate, share content via 1G/10G Ethernet ports and expand up to total 6 daisy chain Pegasus3 and/or Pegasus32 via another Thunderbolt™ 3 port 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. High performance SSD support. PROMISE RAID performance, safety and fault tolerance.

Product Specifications

Model	PegasusPro R16	PegasusPro R8

General information

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	32GB
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 Base-T	4 port 10GbE 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° ~ 35°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, 47 ~ 63Hz	(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 Premiere 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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www.promise.com