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NETGEAR® ReadyNAS® 10GigE 2U 12-bay 12 x 8TB Enterprise HDD (RR4312X8) Product Setup Sheet

Category
ReadyNAS

Product Name
NETGEAR® ReadyNAS® 4312X, 10GigE 2U
12-Bay 12 x 8TB Enterprise HDD

Model Number
RR4312X8

Package Contents
- ReadyNAS® 4312X (RR4312X8-10000S)
- 12 hard drive trays
- ReadyNAS® OS 6 Installation Guide
- Power cable

- Ethernet cable
- Slide Rail
- Front Bezel

Introduction
Application data, virtual images, client files, email… the types of data central to running a successful business can seem endless. With ReadyNAS® you finally have an advanced and easy-to use solution for centralizing, securing and controlling access to your digital assets. Way more than just simple unified (NAS and SAN) storage for your company, ReadyNAS allows you to do more than you ever thought you could afford by pairing the latest in performance with innovative efficiency technologies such as unlimited snapshots, thin provisioning and cloud-managed replication.

Every networked attached storage (NAS) device from NETGEAR runs on the revolutionary ReadyNAS operating system. This custom-built OS protects stored data with XRAID2 automatic expansion and offers continuous data protection with unlimited snapshots. Real-time anti-virus and native encryption come standard while 10GbE ports are an option for certain 2U models. Designed specifically for the unique needs of business users, ReadyNAS devices utilize proprietary ReadyCLOUD™ technology for cloud-based discovery, provisioning and ongoing management. In addition, these devices are virtualization-ready with iSCSI support, thin provisioning capability and certification with VMware and Microsoft.

These days, your data is your world. With ReadyNAS, protecting and accessing that world has never been easier. ReadyNAS — Storage Made EASY.

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Main Selling Points

- High Performance Intel Xeon E3-1245v5 3.5GHz Quad Cores processor
- Dual high-performance 10Gigabit Ethernet ports
- Quad Gigabit Ethernet ports with link aggregation and failover
- Performance meets needs for virtualization, backup, and file server solutions
- Complete file protection with 5 levels of security for all your photos & files
    - Automatic backup and sync with the NEW ReadyCLOUD PC app
    - Automatic RAID protects against disk failure
    - Exclusive snapshot technology for point in time file recovery
    - Realtime anti-virus software protects against viruses and malware
    - Bitrot protection defends against media degradation
- Time Machine backup support for all the MACs in your home
- Anywhere cloud access and sharing from computers and mobile devices
- Disk spin down for energy savings
- Easy drive installation and hot swap
- Free mobile app for anywhere cloud access
- Internal capacity up to 120TB, using compatible 10TB drives, and up to 600TB, using two EDA4000 Expansion Chassis

Hardware Features

- Intel® Xeon E3-1245v5 3.5GHz processor
- 16GB DDR4 ECC Memory
- Expandable to 64GByte DDR4
- Four (4) Gigabit Ethernet LAN ports
- Two (2) 10GBase-T ports
- Two (2) USB 3.0 ports
- Two (2) e-SATA ports
- Two (2) SAS ports for optional expansion chassis, EDA4000 or EDA2000, sold separately
- 12 bays hot-swappable 2.5" or 3.5" SATA/SSD Drive Bays
- Support Internal 2 bays of 2.5" SATA/SSD OS drive
- Support dual Redundant Hot-Swappable Power Supplies
- RAID: 0, 1, 5, 6, 10, X-RAID2
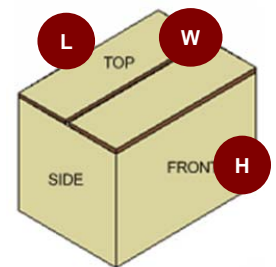- Tool-less slide rail for 2U Rackmount

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Ordering Information

NETGEAR Part Number	UPC Number (GTIN-12)	EAN Number (GTIN-14)	Country
RR4312X8-10000S	606449134926	10606449134923	Worldwide SKU

Case Pack Qty	1		
Case Weight	kg	lb	
10000S	29.99	66.06	
Case Dimensions	Length	Width	Height
mm	880	578	248
in	34.67	22.77	9.77

Brown Box Weight	kg	lb	
10000S	29.16	64.22	
Brown Box Dimensions	Length	Width	Height
mm	880	578	248
in	34.67	22.77	9.77

Warranty	5-year Hardware Warranty
ECCN	5A992
HTS	8471.50.0150
Country of Origin	China

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Warranty & Support

ProSAFE Lifetime Hardware Warranty	5-year
90 days of Technical Support via phone and email	Included, 90 days after purchase
Technical Support through online chat	N/A
Next Business Day hardware replacement	N/A

ProSUPPORT Service Packs

Optional supplemental support contracts available for:	
PMP0314-10000S	OnCall 24x7, 1-year Category 4
PMP0334-10000S	OnCall 24x7, 3-year Category 4
PMP0354-10000S	OnCall 24x7, 5-year Category 4