

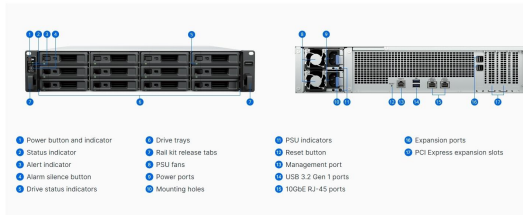
RS3626xs

Synology RS3626xs 12-bay 2U Rackmount NAS

Product Overview

Synology RS3626xs 12-bay 2U Rackmount NAS, Intel Xeon D-1726 CPU, Scalable up to 864TB, GPU cards support, 8GB DDR4 ECC UDIMM system Memory, 6 total Memory slots up to 48GB, 12x 3.5" SATA HDD or 2.5" SATA SSD Drive bays, 36 Maximum Drive bays with Expansion unit, Hot Swappable Drive, 2x RJ-45 10GbE LAN Port, 2x USB 3.2 Gen 1 Port, 2 Expansion Port, Mini-SAS HD Expansion Port Type, 2x Gen4 x8 slot PCI-e Expansion





Specifications

Overview Summary:

The Synology RS3626xs is a powerful 12-bay 2U rackmount NAS built for demanding business environments that require secure, scalable, and high-performance storage. Featuring an Intel Xeon processor, dual 10GbE networking, ECC memory, and support for up to 864TB of raw storage with expansion units, it is ideal for centralised file storage, backup, virtualization, and private cloud deployments. Buy now for a reliable enterprise storage solution that grows with your business.

Designed for continuous operation, the RS3626xs includes redundant power supplies, hot-swappable drive bays, PCIe expansion, and advanced data protection features to help safeguard critical business data. Shop now to deploy a robust NAS platform for collaboration, surveillance, backup, and multi-site file synchronisation.

Performance tier:Enterprise High Performance

Uses:Centralised file storage, business backup, virtualization storage, private cloud, file sharing, disaster recovery, IP surveillance, multi-site synchronisation, data protection, enterprise collaboration

Overview:

Synology RS3626xs 12-Bay 2U Rackmount NAS for Enterprise Storage

The Synology RS3626xs is a powerful 2U rackmount NAS built for organizations that require dependable, scalable, and high-performance storage. Designed for demanding enterprise environments, it combines an Intel Xeon D-1726 processor with dual 10GbE networking, ECC memory, and extensive expansion capabilities to support growing workloads. Whether used for centralized file storage, virtualization, backup, surveillance, or private cloud deployment, this system delivers the speed, reliability, and flexibility modern businesses require.

Description:

The Synology RS3626xs provides enterprise-grade storage with room to grow. Supporting up to 864TB of raw capacity through expansion units, it is well suited for businesses managing large volumes of critical data. Advanced networking, PCIe expansion, SSD caching, automated storage tiering, and compatibility with virtualization platforms make it a versatile solution for data-intensive environments. Part number RS3626xs is ideal for organizations seeking reliable performance, simplified management, and secure data protection.

Features:

Built for High Performance

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The RS3626xs is engineered to handle demanding workloads with fast sequential transfer speeds exceeding 6,300 MB/s read and 3,700 MB/s write. Built-in dual-port 10GbE networking provides excellent throughput for virtualization, collaborative file access, and backup operations.

Key performance highlights:

- Intel Xeon D-1726 processor
- Over 6,300 MB/s sequential read performance
- Over 3,700 MB/s sequential write performance
- Dual 10GbE RJ-45 network ports
- PCIe Gen4 expansion for additional networking or storage acceleration
- Optional SSD cache support to improve IOPS and reduce latency

Scalable Enterprise Storage

As storage requirements increase, the Synology RS3626xs grows alongside your business. The 12 integrated drive bays can be expanded to a total of 36 drive bays using compatible expansion units, delivering up to 864TB of raw storage capacity.

Storage capabilities include:

- 12 x 3.5-inch SATA HDD or 2.5-inch SATA SSD bays
- Hot-swappable drive support
- Expandable to 36 total drive bays
- Up to 864TB raw storage capacity
- Automated storage tiering for optimized performance and capacity

Reliable Infrastructure for Business-Critical Data

Designed to maximize uptime, the RS3626xs incorporates multiple redundancy technologies that help keep services available during unexpected hardware or network events. It supports Synology High Availability clustering, redundant networking, and remote management capabilities for simplified administration.

Reliability advantages include:

- Redundant power supply design
- Synology High Availability failover support
- Link Aggregation for network redundancy and load balancing
- Out-of-band management for remote administration
- Enterprise-class ECC memory protection

Private Cloud and Team Collaboration

The system provides secure private cloud functionality for organizations that need full control over their data. Employees can securely access, synchronize, and share files across offices, mobile devices, desktops, and web browsers while maintaining centralized administration and detailed auditing.

Collaboration capabilities include:

- Secure file sharing across multiple locations
- Cross-platform synchronization
- Granular user and folder permissions
- Comprehensive activity logging
- Mobile, desktop, and browser access

Flexible Hybrid Cloud Integration

Businesses can integrate local storage with leading cloud platforms to improve accessibility while optimizing storage costs. Frequently accessed files remain available locally, while less frequently used data can be stored in the cloud.

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Supported cloud integrations include:

- Amazon S3
- Backblaze B2
- Dropbox
- Google Cloud Storage
- Microsoft Azure
- OpenStack Swift

Comprehensive Backup and Disaster Recovery

The RS3626xs protects business data across physical systems, virtual environments, cloud platforms, and network storage. Built-in backup applications simplify recovery while minimizing storage requirements through deduplication and versioning.

Backup support includes:

- Windows, macOS, and Linux devices
- VMware and Microsoft Hyper-V virtual machines
- Synology NAS systems
- Windows Server
- Nutanix Files
- NetApp ONTAP
- Microsoft 365
- Google Workspace

Advanced snapshot technology helps safeguard critical information through immutable snapshots and off-site replication for improved business continuity.

Virtualization Ready

The Synology RS3626xs integrates easily into virtualized environments and supports major enterprise hypervisors. Storage acceleration technologies improve overall efficiency while reducing server workloads.

Compatible platforms include:

- VMware vSphere
- Microsoft Hyper-V
- Citrix XenServer
- OpenStack Cinder

Built-in support for VMware VAAI, Windows ODX, and ALUA further enhances storage performance.

Enterprise Surveillance Platform

The NAS also serves as a scalable surveillance solution through Synology Surveillance Station. It supports centralized monitoring, remote management, and compatibility with more than 20,000 IP camera models, making it suitable for business security deployments.

Hardware Summary

- Part Number / SKU: RS3626xs
- Intel Xeon D-1726 processor
- 8GB DDR4 ECC UDIMM memory installed
- 6 memory slots supporting up to 48GB
- 12 SATA drive bays for HDD or SSD
- Expandable to 36 drive bays

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- Maximum raw capacity up to 864TB
- Dual 10GbE RJ-45 LAN ports
- 2 x USB 3.2 Gen 1 ports
- 2 Mini-SAS HD expansion ports
- 2 x PCIe Gen4 x8 expansion slots
- Hot-swappable drive support

Ideal Business Applications

The Synology RS3626xs is well suited for organizations requiring enterprise-grade storage, centralized backup, virtualization storage, surveillance recording, secure file collaboration, hybrid cloud deployments, and disaster recovery. With scalable storage, high-speed networking, and advanced management capabilities, the RS3626xs delivers a dependable storage platform that can adapt as business requirements evolve.

Specifications:

CPU	
CPU Model	Intel Xeon D-1726
CPU Quantity	1
CPU Cores	6
CPU Threads	12
CPU Architecture	64-bit
CPU Frequency	2.9 (base) / 3.5 (turbo) GHz
Hardware Encryption Engine	Yes
Memory	
System Memory	8 GB DDR4 ECC UDIMM
Memory Module Pre-installed	8 GB (8 GB x 1)
Total Memory Slots	6
Maximum Memory Capacity	48 GB (8 GB x 6)
Notes	Synology may revise pre-installed memory module specifications in response to component lifecycle and supply conditions. All revised components undergo the same rigorous validation to ensure equivalent compatibility, stability, and performance.
Storage	
Drive Bays (See all supported drives)	12 x 3.5" SATA HDD or 2.5" SATA SSD
Maximum Drive Bays with Expansion Unit	36 (RX1225RP x 2)
Hot Swappable Drive	Yes
External Ports	
RJ-45 10GbE LAN Port	2
Out-of-Band Management LAN Port	1
USB 3.2 Gen 1 Port	2
Expansion Port	2
Expansion Port Type	Mini-SAS HD

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PCIe	
PCIe Expansion	2 x Gen4 x8 slot (x8 link)
Appearance	
Form Factor (RU)	2U
Size (Height x Width x Depth)	88 mm x 482 mm x 724 mm
Weight	14.5 kg
Rack Installation Support	4-post 19" rack (Synology Rail Kit - RKS-02)
Notes	The rail kit is sold separately
Others	
System Fan	80 mm x 80 mm x 4 pcs
Fan Speed Mode	Full-Speed Mode
	Cool Mode
	Quiet Mode
Easy Replacement System Fan	Yes
Power Recovery	Yes
Noise Level	38.8 dB(A)
Scheduled Power On / Off	Yes
Wake on LAN / WAN	Yes
Power Supply Unit / Adapter	550 watts
Redundant Power Supply	Yes
AC Input Power Voltage	100 V to 240 V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	147.79 watts (Access)
	75.73 watts (HDD Hibernation)
British Thermal Unit	503.96 BTU/hr (Access)
	258.24 BTU/hr (HDD Hibernation)
	Noise testing was conducted with the Synology system fully installed with Synology SATA HDDs and in an idle state. Two G.R.A.S. Type 40AE microphones are placed at a 1 m distance from the front and rear of the device. Background noise: 16.49-17.51 dB(A) , Temperature: 24.25-25.75degreesC , Humidity: 58.2-61.8%
Temperature	
Operating Temperature	0degreesC to 35degreesC (32degreesF to 95degreesF)
Storage Temperature	-20degreesC to 60degreesC (-5degreesF to 140degreesF)
Operating Humidity	8% to 80% RH
Storage Humidity	5% to 95% RH
Certification	

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Certification	FCC
	CE
	BSMI
	VCCI
	RCM
	UKCA
	EAC
	CCC
	KC
	BIS
	UL
Environment	
Environment	RoHS Compliant
Packaging Content	
Packaging Content	Main Unit X 1
	Accessory Pack X 1
	C13 to C14 power cord X 2
	Front Cover X 1
Optional Accessories	
Optional Accessories	DDR4 ECC UDIMM: D4EU02-8G
	Expansion Units: RX1225RP
	Enterprise Series 3.5" SATA HDD: HAT5300 Series
	Enterprise Series 2.5" SATA SSD: SAT5200 Series
	M.2 SSD & 10GbE Combo Adapter Card: E10M20-T1
	M.2 SSD Adapter Card: M2D20
	25GbE Network Interface Card: E25G30-F2
	10GbE Network Interface Card: E10G30-F2/E10G30-T2/E10G30-T1
	Rail Kit Sliding: RKS-02

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/RS3626xs-Synology-RS3626xs-12-bay-2U-Rackmount-NAS-Buy-p-338473.php>

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