ComX Computers
Product Specification Sheet

RS1626xs+

Synology RS1626xs+ 4 Bay 1U Rack Mount NAS

Product Overview

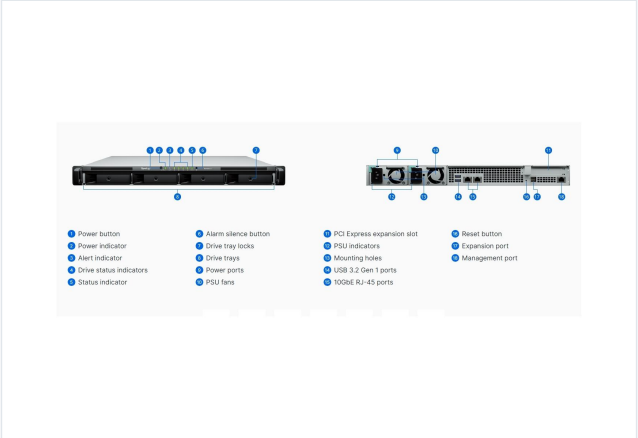
Synology RS1626xs+ 4 Bay 1U Rack Mount NAS, Intel Xeon D-1726 CPU, 16GB DDR4 ECC RDIMM system Memory, 4 total Memory slots up to 64 GB, 4x 3.5" SATA HDD or 2.5" SATA SSD, 2x M.2 2280 NVMe SSD, Hot Swappable Drive, 2x RJ-45 10GbE LAN Port, 2x USB 3.2 Gen 1 Port, 1 Expansion Port, Mini-SAS HD Expansion Port Type, 1x Gen4 x8 slot PCI-e Expansion, 1U Form Factor (RU), 16x Maximum Drive bays with Expansion unit











Specifications

Overview Summary:

The Synology RS1626xs+ is a high-performance 4-bay 1U rackmount NAS built for businesses that require reliable, scalable, and secure data storage. Powered by an Intel Xeon processor, 16GB ECC memory, dual 10GbE networking, and NVMe SSD cache support, it delivers excellent performance for file sharing, virtualization, backup, surveillance, and private cloud deployments. Buy now to modernise your business infrastructure with enterprise-grade storage and expand capacity as your needs grow.

Ideal for organisations across South Africa, the RS1626xs+ offers hot-swappable drive bays, PCIe expansion, redundant power supplies, and support for storage expansion, making it a dependable solution for demanding workloads. Shop now for a robust NAS platform designed to support business continuity, secure collaboration, and efficient data management.

Performance tier: Enterprise High Performance

Uses: Centralised file storage, private cloud, business backups, virtualization storage, surveillance management, file sharing, disaster recovery, multi-site synchronisation, collaborative workflows

Overview:

Synology RS1626xs+ 4-Bay 1U Rackmount NAS for Enterprise Storage
Designed for demanding enterprise environments, the Synology RS1626xs+ delivers high-performance rackmount storage with exceptional scalability, advanced networking, and reliable data protection. Powered by an Intel Xeon D-1726 processor and equipped with 16GB ECC DDR4 RDIMM memory, this 1U rackmount NAS is built to handle virtualization, business applications, centralized backups, file collaboration, surveillance, and large-scale data management.

With dual built-in 10GbE networking, expandable storage capacity, PCIe Gen4 expansion, and integrated NVMe SSD cache support, the RS1626xs+ provides the flexibility businesses need as storage requirements continue to grow.

Description:

The Synology RS1626xs+ combines enterprise-class performance with scalable storage and comprehensive data management capabilities. It is ideal for organizations requiring secure file sharing, centralized backups, virtualization storage, surveillance management, and private cloud collaboration. Supporting both HDDs and SSDs while offering expansion for additional storage and networking, this NAS is engineered to deliver reliable performance for business-critical workloads. Part Number RS1626xs+ makes it an excellent solution for IT departments seeking a future-ready storage platform.

Features:

Enterprise Performance and Scalability
Built to support demanding workloads, the RS1626xs+ offers excellent responsiveness for databases, virtual machines, and file services.

Key highlights include:

- Intel Xeon D-1726 processor
- 16GB DDR4 ECC RDIMM memory installed
- Four memory slots supporting up to 64GB
- Over 84,000 random write IOPS
- Dual integrated 10GbE RJ-45 network ports
- Up to 384TB raw storage capacity after expansion
- PCIe Gen4 x8 expansion slot for additional networking or Fibre Channel connectivity

As business needs increase, the system can expand to accommodate additional storage, faster networking, and SSD acceleration without replacing the existing infrastructure.

Flexible Storage Architecture
The Synology RS1626xs+ supports multiple storage configurations, allowing businesses to optimize performance and capacity for different workloads.

Storage support includes:

- 4 x 3.5-inch SATA hard drives
- Compatible with 2.5-inch SATA SSDs
- 2 x integrated M.2 2280 NVMe SSD slots for SSD cache
- Hot-swappable drive bays
- Expansion to 16 total drive bays using compatible expansion units

Integrated NVMe cache significantly reduces latency while improving IOPS without occupying front drive bays or PCIe expansion slots.

Reliable Business Continuity
The RS1626xs+ is engineered to minimize downtime and improve service availability.

Reliability advantages include:

- Redundant power supply design
- Synology High Availability cluster support
- Automatic network failover
- Link Aggregation for load balancing
- Immutable snapshot protection
- Off-site replication support
- Advanced backup scheduling and version management

These capabilities help protect valuable business data while ensuring continuous access during hardware or network disruptions.

Private Cloud Collaboration
Create a secure private cloud environment that gives employees convenient access to files from virtually anywhere.

The platform supports:

- Secure file sharing
- Cross-platform synchronization
- Permission-based access control
- Detailed audit logging
- Mobile, desktop and web access
- Multi-site file synchronization
- Hybrid cloud storage integration

Organizations can also integrate with public cloud services such as Amazon S3, Microsoft Azure, Google Cloud Storage, Dropbox, Backblaze B2, and OpenStack Swift while maintaining centralized storage management.

Business Productivity
The RS1626xs+ serves as a complete collaboration platform for modern organizations.

Available business applications include:

- Synology Office collaboration tools
- Document editing
- Spreadsheet creation
- Presentation management
- Private mail server
- Team messaging
- AI-assisted productivity tools using supported API integrations

These applications enable organizations to maintain full ownership of their business data while improving team collaboration.

Comprehensive Backup Protection
Protect physical systems, virtual environments, cloud services, and NAS devices from a single platform.

Supported backup workloads include:

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

Built-in deduplication, versioning, encryption, and granular recovery help maximize storage efficiency while simplifying disaster recovery.

Advanced Surveillance Platform
The integrated Surveillance Station transforms the RS1626xs+ into a powerful video management solution.

Benefits include:

- Support for over 20,000 IP camera models
- Centralized monitoring

- Remote viewing
- Playback and investigation tools
- Backup management
- Open API integration for third-party systems
- Support for AI-enabled surveillance environments

The platform can manage up to 75 IP cameras, making it suitable for offices, warehouses, retail stores, and industrial facilities.

Centralized IT Management
Administrators can efficiently monitor and manage multiple Synology systems from a centralized console.

Management capabilities include:

- Group policy deployment
- Batch updates
- Task delegation
- Cloud-based fleet monitoring
- Backup status monitoring
- Performance reporting
- Login activity monitoring

These tools simplify administration across distributed business environments.

Hardware Summary

- Part Number / SKU: RS1626xs+
- Intel Xeon D-1726 processor
- 16GB DDR4 ECC RDIMM memory
- Up to 64GB maximum memory
- 4 drive bays supporting SATA HDDs or SSDs
- 2 integrated M.2 2280 NVMe SSD slots
- Hot-swappable drive support
- 2 x 10GbE RJ-45 LAN ports
- 2 x USB 3.2 Gen 1 ports
- 1 PCIe Gen4 x8 expansion slot
- 1 Mini-SAS HD expansion port
- 1U rackmount form factor

Ideal Applications
The Synology RS1626xs+ is well suited for organizations requiring scalable enterprise storage, centralized backups, virtualization, private cloud infrastructure, secure collaboration, surveillance recording, disaster recovery, and multi-site file synchronization. With its expandable architecture and enterprise networking capabilities, the RS1626xs+ provides a long-term storage platform capable of adapting to growing business demands.

Specifications:

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Specifications	
Product Code	RS1626xs+

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	16 GB DDR4 ECC RDIMM
Memory Module Pre-installed	16 GB (16 GB x 1)
Total Memory Slots	4
Maximum Memory Capacity	64 GB (16 GB x 4)
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)	4 x 3.5" SATA HDD or 2.5" SATA SSD
	2 x M.2 2280 NVMe SSD
Maximum Drive Bays with Expansion Unit	16 (RX1225RP x 1)
Hot Swappable Drive	Yes
Notes	The hot swappable drive feature is not supported by M.2 SSD slots.
External Ports	
RJ-45 10GbE LAN Port	2
Out-of-Band Management LAN Port	1
USB 3.2 Gen 1 Port	2
Expansion Port	1
Expansion Port Type	Mini-SAS HD
PCIe	
PCIe Expansion	1 x Gen4 x8 slot (x8 link)
Appearance	
Form Factor (RU)	1U
Size (Height x Width x Depth)	44 mm x 481.9 mm x 668.5 mm
Weight	9.5 kg
Rack Installation Support	4-post 19" rack (Synology Rail Kit - RKS-04)
Notes	The rail kit is sold separately
Others	

System Fan	40 mm x 40 mm x 4 pcs
Fan Speed Mode	Full-Speed Mode
	Cool Mode
	Quiet Mode
Easy Replacement System Fan	Yes
Power Recovery	Yes
Noise Level	52.6 dB(A)
Scheduled Power On / Off	Yes
Wake on LAN / WAN	Yes
Power Supply Unit / Adapter	250 watts
Redundant Power Supply	Yes
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	97.59 watts (Access)
	56.19 watts (HDD Hibernation)
British Thermal Unit	332.78 BTU/hr (Access)
	191.61 BTU/hr (HDD Hibernation)
Notes	
Notes	Noise testing was conducted with the Synology system fully installed with Synology SATA SSDs and in an idle state. Two G.R.A.S. type 40AE microphones were 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	5degreesC 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	

Certification	FCC
	CE
	BSMI
	VCCI
	RCM
	UKCA
	EAC
	CCC
	KC
	BIS
	UL
	5 Years
Notes	The warranty period starts from the purchase date as stated on your purchase receipt.
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 RDIMM: D4ER02-16G
	Expansion Units: RX1225RP
	Enterprise Series 3.5" SATA HDD: HAT5300 Series
	Enterprise Series 2.5" SATA SSD: SAT5200 Series
	Enterprise Series M.2 2280 NVMe SSD: SNV3400 & SNV5400 Series
	25GbE Network Interface Card: E25G30-F2
	10GbE Network Interface Card: E10G30-F2/E10G30-T2/E10G30-T1
	Rail Kit Sliding: RKS-04

Product Information Online

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

Product page: https://www.comx-computers.co.za/RS1626xs-Synology-RS1626xs-4-Bay-1U-Rack-Mount-NAS-p-338510.php

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