Synology RackStation RS3621XS+ NAS/storage server

Artikel	123604
Herstellernummer	RS3621XS+
EAN	4711174724079
Synology	

Accelerate your business operations
The 12-bay RS3621xs+ is capable of delivering over 238K 4K random read IOPS and 5,819 MB/s sequential read throughput1— a true enterprise powerhouse. With full power supply redundancy, an 8-core processor, ECC memory, advanced snapshot technology, and file self-healing, the RS3621xs+ provides a reliable foundation to any data-driven business.

Storage you can trust
The RS3621xs+ keeps your data protected while you concentrate on delivering the best results to your customers — even when disaster strikes.

Redundant power
Dual PSUs provide protection against a PSU failure or accidental cord removal while hot-swappable fans allow them to be replaced without powering down the system.

Maximize service availability
Synology High Availability (SHA) pairs two identical units together creating an active-passive cluster with minute-level failover.

Next-generation file system
Btrfs prevents data corruption and reduces maintenance overheads with advanced storage technologies and optimized snapshots.

Tailored to your business
The RS3621xs+ includes two PCIe slots for performance, networking, and storage upgrades enabling it to adapt to any business environment2.

Double bandwidth
Upgrade network bandwidth in minutes by 2x or more with Synology's range of 10GbE NICs.

SSD cache3
Boost read/write IOPS by up to 16 times by enabling SSD cache with our Synology M.2 NVMe adapter cards and SNV3500 SSDs or by installing one or more 2.5" SAT5200 SSDs.

Storage expansion
Quickly and easily scale up to 36 drives with two RX1217(RP) expansion units.

Hyper Backup
A comprehensive backup and recovery solution for securing data stored on Synology servers. Backup data locally, to another Synology device, rsync server, or cloud-based storage such as Google Drive, Dropbox, S3-compatible destinations, and Synology C2. Deduplication4, integrity checks, and incremental transfer technology reduce bandwidth and storage used.

Snapshot Replication

Easily schedule flexible point-in-time backups of shared folders and iSCSI LUNs with an RPO as low as 5 minutes and recovery in seconds. Set up replication and failover to other Synology storage systems for fast RTOs and minimal service disruption.

Active Backup Suite
Enables administrators to easily backup the entire IT infrastructure to their NAS, including Windows & Linux workstations and servers, file servers, VMware and Hyper-V virtual machines, and Microsoft 365 and Google Workspace accounts. Backups benefit from deduplication, multiversioning, and optimizations to reduce bandwidth and storage used.

Storage for virtualization
Synology iSCSI storage supports mainstream virtualization solutions with an easy management interface to enhance usability. VMware vSphere 6.5 and VAAI integration helps offload storage operations. Windows Offloaded Data Transfer (ODX) speeds up data transfer. OpenStack Cinder support turns your Synology NAS into a block-based storage component. Additionally, Synology Storage Console enables even more simplified storage provisioning and management options in VMware and Windows environments.

Works best with Synology drives
Engineered to handle intensive 24/7 workloads, Synology drives consistently deliver top-grade performance.

Zusammenfassung

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Synology RackStation RS3621XS+, Storage server, Rack (2U), Intel® Xeon®, D-1541, Black

Synology RackStation RS3621XS+. Supported storage drive types: HDD & SSD, Storage drive interface: Serial ATA II, Serial ATA III, Storage drive sizes supported: 2.5,3.5". Processor family: Intel® Xeon®, Processor manufacturer: Intel, Processor model: D-1541. Internal memory: 8 GB, Internal memory type: DDR4, Maximum RAM supported: 64 GB. Ethernet LAN data rate supported (max): 10000 Mbit/s. Chassis type: Rack (2U), Cooling type: Active, Product colour: Black

Merkmale

Certificates

Certification	FCC CE BSMI VCCI RCM EAC CCC KC UL

Logistics data

Harmonized System (HS) code	84714100

Packaging content

Power cables quantity	2

Network

Ethernet LAN	Y
Ethernet LAN data rate supported (max)	10000 Mbit/s
Wake-on-LAN ready	Y

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 60 °C

Ports & interfaces

USB port	Y
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2

Performance

Type	Storage server
Device class	Small & Medium Business
Backup function	Y
Noise level	50.2 dB
On/off switch	Y

Memory

Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	4
Internal memory	8 GB
Memory form factor	UDIMM
ECC	Y

Design

Chassis type	Rack (2U)
Cooling type	Active
Product colour	Black
Number of fans	4 fan(s)
Fan diameter	8 cm
Built-in display	N
Built-in speaker(s)	N

Power

Power supply unit (PSU) capacity	500 W
Number of power supply units	1
Redundant power supply (RPS) support	Y
Power consumption (typical)	142.5 W
Power consumption (HDD standby)	72.76 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Ethernet LAN (RJ-45) ports	6
PCI Express x8 (Gen 3.x) slots	2

Weight & dimensions

Width	482 mm
Depth	724 mm
Height	88 mm
Weight	14.5 kg

Processor

Processor manufacturer	Intel
Processor family	Intel® Xeon®
Processor model	D-1541
Processor frequency	2.1 GHz
Processor boost frequency	2.7 GHz
Processor cores	8
CPU configuration (max)	1
On-board graphics card model	Not available
Conflict-Free processor	Y

Storage

Storage drive interface	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support	Y
RAID levels	5, 6
Hot-swap drive bays	Y
Storage drives installed	N
Number of storage drives supported	12
Installed storage drive type	N
Supported storage drive types	HDD & SSD

Processor special features

Embedded options available	N
Enhanced Intel SpeedStep Technology	Y
Execute Disable Bit	Y
Idle States	Y
Intel 64	Y
Intel Enhanced Halt State	Y
Intel Secure Key Technology version	1.00
Intel Trusted Execution Technology	Y
Intel TSX-NI	Y
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	Y
Intel Virtualization Technology for Directed I/O (VT-d)	Y
Intel VT-x with Extended Page Tables (EPT)	Y