

Synology RackStation RS1619XS+ NAS/storage server

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Herstellernummer	RS1619XS+
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Synology	



Synology RackStation RS1619xs+ is a high-performance 1U rackmount NAS with comprehensive storage, data backup, and collaboration applications, suitable for small- to medium-sized businesses. RS1619xs+ simplifies data management, optimizes virtualization environments, and rapidly expands storage capacity with minimal time investment in setup and maintenance. Synology RS1619xs+ is backed by Synology's 5-year limited warranty.

Synology RS1619xs+ is a 1U 4-bay rackmount network attached storage solution equipped with a quad-core processor, 8 GB DDR4 memory (expandable up to 64 GB), and four Gigabit LAN ports. With an optional 10GbE network adapter card installed, RS1619xs+ delivers sequential reading throughput over 1,523 MB/s and 162,097 iSCSI random read IOPS under a RAID 5 configuration.

RS1619xs+ comes with two onboard M.2 SSD slots, allowing fast system cache creation with M.2 2280 NVMe/SATA SSDs without occupying internal 3.5" drive bays. RS1619xs+ also provides great flexibility to easily scale up to 16 drives when connected to one Synology RX1217/RX1217RP expansion unit. Storage capacity can be expanded according to your business needs with minimal effort.

Zusammenfassung

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Synology RackStation RS1619XS+, NAS, Rack (1U), Intel® Xeon® D, D-1527, Black

Synology RackStation RS1619XS+. Supported storage drive types: HDD & SSD, Storage drive interface: Serial ATA, Serial ATA II, Serial ATA III, Storage drive sizes supported: 2.5,3.5". Processor family: Intel® Xeon® D, Processor manufacturer: Intel, Processor model: D-1527. Internal memory: 8 GB, Internal memory type: DDR4, Maximum RAM supported: 64 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Supported network protocols: CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN, L2TP). Chassis type: Rack (1U), Cooling type: Active, Product colour: Black

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Certificates

Certification	EAC VCCI RCM FCC CE BSMI
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Logistics data

Harmonized System (HS) code	84714100
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Other features

Processor ARK ID	91195
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Technical details

Sustainability certificates	RoHS
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Packaging content

Cables included	AC
Quick installation guide	Y

Memory

Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	4
Internal memory	8 GB

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-5 - 95% H)	
Storage temperature (T-T)	-20 - 60 °C
Operating altitude	0 - 5000 m

Software

Operating system installed	DiskStation Manager
Windows operating systems supported	Windows 10, Windows 7
Mac operating systems supported	Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave
Server operating systems supported	Windows Server 2016

Ports & interfaces

USB port	Y
USB 3.2 Gen 1 (3.1 Gen 1) Type-2 A ports quantity	
Ethernet LAN (RJ-45) ports	4
PCI Express x8 (Gen 3.x) slots	1
Expansion ports quantity	1

Design

Chassis type	Rack (1U)
Cooling type	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	4 cm
LED indicators	Alarm, HDD, Power, Status

Network

Ethernet LAN	Y
Ethernet LAN data rates	10,100,1000 Mbit/s
Wi-Fi	N
iSCSI support	Y
Wake-on-LAN ready	Y
Supported network protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN, L2TP)
Link aggregation	Y

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	150 W
Number of power supply units	2
Power consumption (typical)	68.68 W
Power consumption (HDD standby)	34.78 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Storage

Storage drive interface	Serial ATA, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
Number of M.2 (M & B) slots	2
RAID support	Y
RAID levels	0, 1, 5, 6, 10, JBOD
Hot-swap drive bays	Y
Supported file systems	BTRFS, Fat, HFS+, NTFS, ext3, ext4
Storage drives installed	N
Number of storage drives supported	4

Weight & dimensions

Width	480 mm
Depth	518.6 mm
Height	44 mm
Weight	8.16 kg

Installed storage drive type	N
Supported storage drive types	HDD & SSD

Performance

Type	NAS
Device class	Small & Medium Business
Backup function	Y
Backup features	Cloud, iSCSI LUN
Multilingual support	Y
Noise level	39.3 dB
Web-based management	Y
Security algorithms	HTTPS, SSH, SSL/TLS
Access Control List (ACL)	Y
Reset button	Y
On/off switch	Y
Browser supported	Chrome, Firefox, Internet Explorer 10+, Safari 10+

Processor special features

Embedded options available	Y
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
Intel® AES New Instructions (Intel® AES-NI)	Y
Intel® Hyper Threading Technology (Intel® HT Technology)	Y
Intel® OS Guard	Y
Intel® Secure Key	Y
Intel® Turbo Boost Technology	2.0
Maximum number of PCI Express lanes	32
Thermal Monitoring Technologies	Y
UART	Y
Memory channels supported by processor	Dual
Memory types supported by processor	DDR3-SDRAM, DDR4-SDRAM

Processor

Processor manufacturer	Intel
Processor family	Intel® Xeon® D
Processor model	D-1527

Processor frequency	2.2 GHz
Processor boost frequency	2.7 GHz
Processor cores	4
Processor threads	8
Processor cache	6 MB
CPU configuration (max)	1
ECC supported by processor	Y
PCI Express configurations	1x16, 1x4, 1x8
PCI Express slots version	2.0, 3.0
Processor cache type	L3
Processor code	SR2DK
Processor codename	Broadwell
Processor lithography	14 nm
Processor operating modes	64-bit
Processor package size	37.5 x 37.5 mm
Processor series	Intel Xeon D-1500
Processor socket	BGA 1667
Scalability	1S
Stepping	V2
Thermal Design Power (TDP)	35 W
On-board graphics card model	Not available
Maximum internal memory supported by processor	128 GB
Conflict-Free processor	Y

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.