QNAP TS-420 NAS Tower Ethernet LAN connection Black

Brand : QNAP

Product code: TS-420/12TB-SEA

Product name : TS-420

TS-420 4-bay home & SOHO NAS 12TB (4 x 3TB Seagate NAS), Marvell 1.6GHz, 512MB DDR3, 4 x swappable 3.5"/2.5" SATA 3Gb/s, Tower

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The TS-420 is a powerful yet easy to use networked storage center for backup, synchronization, remote access, and home entertainment. As your personal cloud, you will always be connected to your files and your files are always under your control. See how TS-420 featuring the QTS 4.0 can make your digital life easier, simpler and more convenient.

- Organize your content and backups in one centralized location.
- Synchronize files between computers, tablets, and mobile devices.
- Collect, enjoy, and share your large photo, music, and video collection.
- Enjoy HD movies or family videos on TV when streamed through various network players.
- Access, manage and enjoy all your files with your tablets and smartphones.
- Enjoy the App Center with more than 100 install-on-demand apps to increase diverse applications on the TS-420.

Storage	
Storage drive capacity *	3000 GB
Storage drive interface *	Serial ATA II
Storage drive size	2.5/3.5"
RAID support *	✓
RAID levels	0,1,5,6,10,JBOD
Hot-swap drive bays	✓
Supported file systems	ext3,ext4,FAT32,HFS+,NTFS
Storage drives installed *	✓
Total installed storage capacity *	12 TB
Number of storage drives installed *	4
Number of storage drives supported *	4
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor family *	Marvell
Processor frequency *	1.6 GHz

Memory	
Internal memory type	DDR3
Internal memory *	0.512 GB
Flash memory	16 MB

Network	
Ethernet LAN connection *	✓
Ethernet LAN data rates	1000 Mbit/s
Wi-Fi	✗
DHCP client	✓
DHCP server	✓
Jumbo Frames support	✓
iSCSI support	✓
Wake-on-LAN ready	✓
Supported network protocols	CIFS/SMB, AFP (v3.3), NFS (v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC

Ports & interfaces	
USB 2.0 ports quantity	2

Design	
Number of fans	1 fan(s)
Fan diameter	9 cm
LED indicators	eSATA, HDD, LAN, Status, USB
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Home & Home Office
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Number of users	4096 user(s)
Web-based management	✓
Security algorithms	HTTPS,SNMP,SSH,SSL/TLS
Access Control List (ACL)	✓
Reset button	✓
On/off switch	✓

Software	
Operating system installed *	QNAP Turbo System

Energy Management	
Power supply location	External
Power supply unit (PSU) capacity	120 W
Number of power supply units	1
Redundant power supply (RPS) support	✗
Power consumption	31 W
Power consumption (sleep mode)	13 W
AC input voltage	100-240 V
AC input frequency	50 - 60 Hz

Weight & Dimensions	
Width *	180 mm
Depth *	235 mm
Height *	177 mm

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Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
eSATA ports quantity	2
Ethernet LAN (RJ-45) ports quantity *	2

Design	
Chassis type *	Tower
Cooling type *	Active
Product colour	Black

Packaging Content	
External power adapter	✓
Cables included	AC, LAN (RJ-45)
Quick installation guide	✓

Operational Conditions	
Operating temperature range (T-T)	0 - 40 °C
Operating relative humidity range	5 - 95%

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