QNAP

QNAP TS-463XU-RP NAS Rack (1U) Ethernet LAN Black GX-420MC

Brand : QNAP

Product code: TS-463XU-RP-4G-US
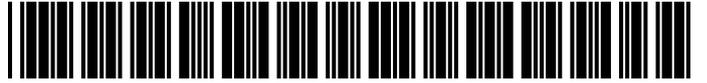
Product name : TS-463XU-RP

- Built-in single-port 10GbE 10GBASE-T NIC to accelerate virtualization and high-resolution video editing and sharing
- Qtier™ auto-tiering technology and SSD caching enable constant storage optimization
- Snapshots fully record system status and data, and assist in quick data recovery and mitigating the threat of ransomware attacks
- Host containerized applications and virtual machines with various operating systems
- Secure private cloud supporting centralized storage, backup, sharing, and disaster recovery
- NAS and iSCSI-SAN (IP-SAN) unified storage solution with scalable design
AMD GX-420MC, 4 GB DDR3L, 512 MB DOM, 2x USB 3.0, 3x USB 2.0, 1x RJ-45 10GBASE-T, 4x RJ-45, 1x PCIe 2.0 x4

Storage

Supported storage drive interfaces	Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD
Online RAID migration	✓
Online RAID expansion	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✗
Number of storage drives supported *	4
Installed storage drive type *	✗
Supported storage drive types *	HDD & SSD
Bad block scan	✓

Processor

Processor family *	AMD G
Processor model *	GX-420MC
Processor frequency *	2 GHz
Processor cores	4

Memory

Internal memory type	DDR3L
Maximum RAM supported	16 GB
Memory slots	2 x SO-DIMM
Internal memory *	4 GB
Flash memory	512 MB

Network

Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
Copper ethernet cabling technology	10BASE-T, 1000BASE-T
Wi-Fi	✗
DHCP server	✓
Jumbo frames support	✓
iSCSI support	✓
Wake-on-LAN ready	✓
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN VPN

Ports & interfaces

USB port *	✓

Design

Cable lock slot type	Kensington

Performance

Type *	NAS
Device class *	Home & Home Office
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Noise level	36.4 dB
Web-based management	✓
Share folder access right management	✓
Security algorithms	256-bit AES, FIPS 140-2
Access Control List (ACL)	✓
Reset button	✓
On/off switch	✓
Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
System log	✓
Hot spare	✓
S.M.A.R.T. support	✓
Share folder	CIFS/SMB
Backup button	✓

Software

Operating system installed *	QNAP Turbo System
Operating system version	4.3.4
Windows operating systems supported	✓
Linux operating systems supported	✓
Mac operating systems supported	✓
Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	2
Redundant power supply (RPS) support	✓
Power consumption (typical)	65.62 W

Ports & interfaces

USB 2.0 ports quantity	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Ethernet LAN (RJ-45) ports *	5

Design

Chassis type *	Rack (1U)
Cooling type *	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	4 cm
LED indicators	HDD, LAN, Status
Cable lock slot	✔

Power

AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	439 mm
Depth *	499 mm
Height *	44 mm
Weight	9.3 kg
Package weight	11.3 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Quick installation guide	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

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