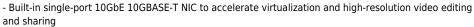
QNAP

QNAP TS-463XU-RP NAS Rack (1U) AMD G GX-420MC 4 GB DDR3L 8 TB HDD QNAP Turbo System Black

Brand: QNAP Product code: TS-463XU-RP-4G-8TB-GLD

Product name: TS-463XU-RP

Supported network protocols



- 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 2.0 GHz, 4 GB DDR3L, 512 MB DOM, 4x 2.5/3.5", 2x USB 3.0, 3x USB 2.0, 1x RJ-45 10GBASE-T, 4x RJ-45, 1x PCle 2.0 x4, 1U, 44x439x499 mm



Storage		Design	
Supported storage drive interfaces	Serial ATA III	Cable lock slot	✓
Storage drive sizes supported	2.5,3.5"	Cable lock slot type	Kensington
RAID support *	1	Performance	
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Type *	NAS
Online RAID migration	✓	Device class *	Home & Home Office
Online RAID expansion	√	Backup function *	✓
Hot-swap drive bays	√	Backup features	Cloud, iSCSI LUN
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Buzzer	✓
Storage drives installed *	√	Multilingual support	✓
Total installed storage capacity *	8 TB	Noise level	36.4 dB
Number of storage drives supported *	4	Web-based management	✓
Installed storage drive type * Supported storage drive types *	HDD HDD & SSD	Share folder access right management	1
Bad block scan	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Processor		Access Control List (ACL)	✓
Processor family *	AMD G	Reset button	✓
Processor model *	GX-420MC	On/off switch	✓
Processor frequency * Processor cores	2 GHz 4	Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
	•	System log	✓
Memory		Hot spare	✓
Internal memory *	4 GB	S.M.A.R.T. support	✓
Internal memory type	DDR3L	Share folder	CIFS/SMB
Maximum RAM supported	16 GB	Backup button	✓
Memory slots	2	Software	
Memory form factor	SO-DIMM	Operating system installed *	QNAP Turbo System
Flash memory	512 MB	Operating system version	4.3.4
Network Ethernet LAN *	1	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Linux operating systems supported	✓
Ethernet LAN data rate supported (max)	10000 Mbit/s	. 27	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T	Mac operating systems supported	Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.7 Lion, Mac OS X 10.8
Wi-Fi	×		Mountain Lion, Mac OS X 10.8
DHCP server	√		Mavericks
Jumbo frames support	✓		Windows Server 2003, Windows
iSCSI support	1	Server operating systems supported	Server 2008 R2, Windows Server 2012, Windows Server 2012 R2,
Wake-on-LAN ready	1		Windows Server 2016

PPTP, L2TP/IPSec, OpenVPN VPN

Ports & interfaces		Power	
USB port * USB 2.0 ports quantity USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity Ethernet LAN (RJ-45) ports *	✓325	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support	Built-in 250 W 2 ✓
Chassis type * Cooling type * Product colour Number of fans Fan diameter	4 cm	Power consumption (typical) Power consumption (HDD standby) AC input voltage Fan voltage Weight & dimensions Width *	65.62 W 44.9 W 100 - 240 V 12 V
LED indicators HDD, LAN, USB	HDD, LAN, USB	Packaging content Cables included Quick installation guide Operational conditions	499 mm 44 mm AC, LAN (RJ-45) ✓
		Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%

