



QNAP TS-463XU-RP NAS Rack (1U) AMD G GX-420MC 4 GB DDR3L 32 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-463XU-RP-4G-32TB-GLD

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 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 PCIe 2.0 x4, 1U + 32TB (WD Gold)

Storage		Design	
Storage drive capacity *	8 TB	Cable lock slot type	Kensington
Storage drive interface *	Serial ATA III	Performance	
Supported storage drive interfaces	Serial ATA III	Type *	NAS
Storage drive size	2.5/3.5"	Device class *	Home & Home Office
Storage drive sizes supported	2.5,3.5"	Backup function *	✓
RAID support *	✓	Backup features	Cloud, USB drive, iSCSI LUN
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Buzzer	✓
Online RAID migration	✓	Multilingual support	✓
Online RAID expansion	✓	Noise level	36.4 dB
Hot-swap drive bays	✓	Web-based management	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Share folder access right management	✓
Storage drives installed *	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Total installed storage capacity *	32 TB	Access Control List (ACL)	✓
Number of storage drives installed *	4	Reset button	✓
Number of storage drives supported *	4	On/off switch	✓
Installed storage drive type *	HDD	Built-in iTunes server	✓
Supported storage drive types *	HDD & SSD	Built-in FTP server	✓
Bad block scan	✓	Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
Processor		System log	✓
Processor family *	AMD G	Hot spare	✓
Processor model *	GX-420MC	S.M.A.R.T. support	✓
Processor frequency *	2 GHz	Share folder	CIFS/SMB
Processor cores	4	Backup button	✓
Memory		Software	
Internal memory *	4 GB	Operating system installed *	QNAP Turbo System
Internal memory type	DDR3L	Operating system version	4.3.4
Maximum RAM supported	16 GB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Memory slots	2	Linux operating systems supported	✓
Memory form factor	SO-DIMM	Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
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		

Network		Software	
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Wi-Fi	✗		
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Auto MDI/MDI-X	✓		
Wake-on-LAN ready	✓	Power	
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN VPN	Power supply location	Built-in
Ports & interfaces		Power supply unit (PSU) capacity	250 W
USB port *	✓	Number of power supply units	2
USB 2.0 ports quantity	3	Redundant power supply (RPS) support	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Power consumption (typical)	65.62 W
Ethernet LAN (RJ-45) ports *	5	Power consumption (HDD standby)	44.9 W
Design		AC input voltage	100 - 240 V
Chassis type *	Rack (1U)	AC input frequency	50 - 60 Hz
Cooling type *	Active	Fan voltage	12 V
Product colour	Black	Weight & dimensions	
Number of fans	2 fan(s)	Width *	439 mm
Fan diameter	4 cm	Depth *	499 mm
LED indicators	HDD, LAN, USB	Height *	44 mm
Cable lock slot	✓	Weight	9.3 kg
		Package weight	11.3 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Quick installation guide	✓
		Sustainability	
		Sustainability certificates	RoHS
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
		Compliance certificates	RoHS

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 09-AUG-2024. Prints or copies of Information are only valid on the printed Publication date