



QNAP TS-463XU-RP NAS Rack (1U) AMD G GX-420MC 4 GB DDR3L 48 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-463XU-RP-4G-48TB-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, 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 *	✓	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 *	48 TB	Noise level	36.4 dB
Number of storage drives supported *	4	Web-based management	✓
Installed storage drive type *	HDD	Share folder access right management	✓
Supported storage drive types *	HDD & SSD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Bad block scan	✓	Access Control List (ACL)	✓
Processor		Reset button	✓
Processor family *	AMD G	On/off switch	✓
Processor model *	GX-420MC	Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
Processor frequency *	2 GHz	System log	✓
Processor cores	4	Hot spare	✓
Memory		S.M.A.R.T. support	✓
Internal memory *	4 GB	Share folder	CIFS/SMB
Internal memory type	DDR3L	Backup button	✓
Maximum RAM supported	16 GB	Software	
Memory slots	2	Operating system installed *	QNAP Turbo System
Memory form factor	SO-DIMM	Operating system version	4.3.4
Flash memory	512 MB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Network		Linux operating systems supported	✓
Ethernet LAN *	✓	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
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016
Ethernet LAN data rate supported (max)	10000 Mbit/s		
Copper ethernet cabling technology	10GBASE-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		Power	
USB port *	✓	Power supply location	Built-in
USB 2.0 ports quantity	3	Power supply unit (PSU) capacity	250 W
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Number of power supply units	2
Ethernet LAN (RJ-45) ports *	5	Redundant power supply (RPS) support	✓
Design		Power consumption (typical)	65.62 W
Chassis type *	Rack (1U)	Power consumption (HDD standby)	44.9 W
Cooling type *	Active	AC input voltage	100 - 240 V
Product colour	Black	Fan voltage	12 V
Number of fans	2 fan(s)	Weight & dimensions	
Fan diameter	4 cm	Width *	439 mm
LED indicators	HDD, LAN, USB	Depth *	499 mm
		Height *	44 mm
		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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