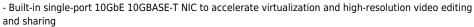
## QNAP

## QNAP TS-863XU NAS Rack (2U) AMD G GX-420MC 4 GB DDR3L 64 **TB HDD QNAP Turbo System Black**

**Brand**: QNAP Product code: TS-863XU-4G-64TB-GLD

Product name: TS-863XU

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 G-Series GX-420MC 2.0 GHz, 4 GB DDR3L, 512MB DOM, 8x 2.5"/3.5" SATA III, 2x USB 3.0, 2x USB

2.0, 1x PCle 2.0 x4, 1x RJ-45 10GBASE-T, 4x 1G RJ-45, 2U, 89x482x534 mm



Storage		Design	
Supported storage drive interfaces	Serial ATA III	LED indicators	HDD, LAN, USB
Storage drive sizes supported	2.5,3.5"	Cable lock slot	1
RAID support *	✓	Cable lock slot type	Kensington
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Performance	
Online RAID migration	<b>√</b>	Type *	NAS
Online RAID expansion	<b>V</b>	Device class *	Small & Medium Business
Hot-swap drive bays	V	Backup function *	1
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Backup features	Cloud, iSCSI LUN
Storage drives installed *	✓ CATD	Buzzer	✓
Total installed storage capacity *	64 TB	Multilingual support	✓
Number of storage drives supported *	8	Noise level	35 dB
Installed storage drive type *	HDD	Web-based management	✓
Supported storage drive types * Bad block scan	HDD & SSD ✓	Share folder access right management	✓
Processor	•	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Processor family *	AMD G	Access Control List (ACL)	✓
Processor model *	GX-420MC	Reset button	✓
Processor frequency *	2 GHz	On/off switch	1
Processor cores	4	Built-in iTunes server	1
Memory		Built-in FTP server	✓
Internal memory *	4 GB	Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
Internal memory type	DDR3L	System log	✓
Maximum RAM supported	16 GB	Hot spare	1
Memory slots	2	S.M.A.R.T. support	1
Memory form factor	SO-DIMM	Share folder	CIFS/SMB
Flash memory	512 MB	Universal Plug and Play (UPnP)	✓
Network		Software	
Ethernet LAN *	✓	Operating system installed *	QNAP Turbo System
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Operating system version	4.3.4
Ethernet LAN data rate supported (max)	10000 Mbit/s	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T	Linux operating systems supported	✓
Wi-Fi	×		Mac OS X 10.10 Yosemite, Mac OS X
DHCP server	✓		10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra,
Jumbo frames support	✓	Mac operating systems supported	Mac OS X 10.13 High Sierra,
iSCSI support	✓		Mountain Lion, Mac OS X 10.9
Wake-on-LAN ready	✓		Mavericks

PPTP, L2TP/IPSec, OpenVPN VPN

Ports & interfaces		Software	
USB port * USB 2.0 ports quantity USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	<b>√</b> 2 2	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Ethernet LAN (RJ-45) ports *	5	Power	
Chassis type * Cooling type * Product colour Number of fans Fan diameter	Rack (2U) Active Black 2 fan(s) 7 cm	Power supply location Power supply unit (PSU) capacity Number of power supply units AC input voltage Fan voltage Weight & dimensions Width *	Built-in 250 W 1 100 - 240 V 12 V
		Depth * Height *	534 mm 89 mm
		Packaging content	
		Cables included Quick installation guide	AC, LAN (RJ-45) ✓
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%

