



# 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

- 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 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 PCIe 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	✓
RAID support *	✓	Cable lock slot type	Kensington
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Performance	
Online RAID migration	✓	Type *	NAS
Online RAID expansion	✓	Device class *	Small & Medium Business
Hot-swap drive bays	✓	Backup function *	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Backup features	Cloud, iSCSI LUN
Storage drives installed *	✓	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 *	HDD & SSD	Share folder access right management	✓
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 *	2 GHz	Built-in iTunes server	✓
Processor cores	4	Built-in FTP server	✓
Memory		Browser supported	Safari 7+, Chrome, Internet Explorer 10+, Firefox
Internal memory *	4 GB	System log	✓
Internal memory type	DDR3L	Hot spare	✓
Maximum RAM supported	16 GB	S.M.A.R.T. support	✓
Memory slots	2	Share folder	CIFS/SMB
Memory form factor	SO-DIMM	Universal Plug and Play (UPnP)	✓
Flash memory	512 MB	Software	
Network		Operating system installed *	QNAP Turbo System
Ethernet LAN *	✓	Operating system version	4.3.4
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN data rate supported (max)	10000 Mbit/s	Linux operating systems supported	✓
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T	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
Wi-Fi	✗		
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN VPN		

Ports & interfaces		Software	
USB port *	✓	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
USB 2.0 ports quantity	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2		
Ethernet LAN (RJ-45) ports *	5		
Design		Power	
Chassis type *	Rack (2U)	Power supply location	Built-in
Cooling type *	Active	Power supply unit (PSU) capacity	250 W
Product colour	Black	Number of power supply units	1
Number of fans	2 fan(s)	AC input voltage	100 - 240 V
Fan diameter	7 cm	Fan voltage	12 V
		Weight & dimensions	
		Width *	482 mm
		Depth *	534 mm
		Height *	89 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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