



# QNAP TS-1263XU NAS Rack (2U) AMD G GX-420MC 4 GB DDR3L 72 TB HDD QNAP Turbo System Black



**Brand :** QNAP

**Product code:** TS-1263XU-4G-72TB-GLD

**Product name :** TS-1263XU

- 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
  - RAID 50/60 is recommended for NAS with over 10 disks to strike a balance between capacity, protection, and performance
- AMD GX-420MC 2.0 GHz, 4 GB DDR3L, 512 MB DOM, 12x 2.5/3.5", 2x USB 3.0, 2x USB 2.0, 1x RJ-45 10GBASE-T, 4x RJ-45, 1X PCIe 2.0 x4, 2U + 72TB (WD Gold)



| Storage                                |                               | Design                               |   |
|--|-------------------------------|--------------------------------------|---|
| Storage drive capacity *               | 6 TB                          | Cable lock slot type                 | Kensington  |
| Storage drive interface *              | Serial ATA III                | <b>Performance</b>                   |   |
| 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, iSCSI LUN  |
| RAID levels                            | 0, 1, 5, 6, 10, 50, 60, JBOD  | Buzzer                               | ✓   |
| Online RAID migration                  | ✓                             | Multilingual support                 | ✓   |
| Online RAID expansion                  | ✓                             | Noise level                          | 35.7 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 *     | 72 TB                         | Access Control List (ACL)            | ✓   |
| Number of storage drives installed *   | 12                            | Reset button                         | ✓   |
| Number of storage drives supported *   | 12                            | 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   |
| <b>Processor</b>                       |                               | 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                             | Universal Plug and Play (UPnP)       | ✓   |
| <b>Memory</b>                          |                               | <b>Software</b>                      |   |
| 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                        |                                      |   |
| <b>Network</b>                         |                               |                                      |   |
| 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                                   | ✓                             |                                    |   |
| 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                          | 2                             | Power supply unit (PSU) capacity   | 350 W   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 2                             | Number of power supply units       | 1   |
| Ethernet LAN (RJ-45) ports *                    | 5                             | Power consumption (HDD standby)    | 44.78 W   |
| Design  |                               | Weight & dimensions                |   |
| Chassis type *                                  | Rack (2U)                     | Width *                            | 482 mm  |
| Cooling type *                                  | Active                        | Depth *                            | 534 mm  |
| Product colour                                  | Black                         | Height *                           | 89 mm   |
| Number of fans                                  | 2 fan(s)                      | Weight                             | 11.8 kg   |
| Fan diameter                                    | 7 cm                          | Package weight                     | 13.9 kg   |
| LED indicators                                  | HDD, LAN, USB                 | Packaging content                  |   |
| Cable lock slot                                 | ✓                             | 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