



QNAP TS-463XU-RP NAS Rack (1U) AMD G GX-420MC 4 GB DDR3L 8 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-463XU-RP-4G-8TB-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 * | 8 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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