



TS-463XU-4G

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| CPU | AMD G-Series GX-420MC quad-core 2.0 GHz processor |
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| CPU Architecture | 64-bit x86 |
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| Floating Point Unit | Yes |
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| Encryption Engine | Yes (AES-NI) |
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| System Memory | 4 GB SO-DIMM DDR3L (1 x 4 GB) |
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| Maximum Memory | 16 GB (2 x 8 GB) |
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| Memory Slot | 2 x SO-DIMM DDR3L |
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| Flash Memory | 512MB (Dual boot OS protection) |
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| Drive Bay | 4 x 3.5-inch SATA 6Gb/s, 3Gb/s |
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| Drive Compatibility | 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives |
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| Hot-swappable | Yes |
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| M.2 SSD Slot | Optional via a PCIe adapter |
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| SSD Cache Acceleration Support | Yes |
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| Gigabit Ethernet Port (RJ45) | 4 |
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| 10 Gigabit Ethernet Port | 1 x 10GBASE-T (10G/5G/2.5G/1G/100M) |
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| Wake on LAN (WOL) | Yes |
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| Jumbo Frame | Yes |
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| PCIe Slot | 1 Slot 1: PCIe Gen 2 x4 |
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| USB 2.0 port | 3 |
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| USB 3.2 Gen 1 port | 2 |
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| USB 3.2 Gen 2 (10Gbps) Port | Optional via a PCIe expansion adapter |
| Form Factor | 1U Rackmount |
| LED Indicators | HDD 1-4, Status, USB, LAN |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 44 × 439 × 499 mm |
| Weight (Net) | 7.58 kg |
| Weight (Gross) | 9.54 kg |
| Operating temperature | 0 - 40 °C (32°F - 104°F) |
| Relative Humidity | 5-95% RH non-condensing, wet bulb: 27°C (80.6°F) |
| Power Supply Unit | 250W, Input: 110-240 Vac~, 50-60Hz, 5A |
| Power Consumption: HDD Sleep Mode | 34.06 W |
| Power Consumption: Operating Mode, Typical | 50.46 W |
| Sound Level | 36.5 db(A) |
| System Warning | Buzzer |
| Max. Number of Concurrent Connections (CIFS) | 800 |

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.