

QNAP DS923+ NAS Tower Ethernet LAN Black R1600

Brand : QNAP

Product code: DS923+/16TB-HAT53

Product name : DS923+

4 x 3.5" / 2.5" SATA HDD / SSD, M.2 Drive Slots, AMD Ryzen R1600, 4 GB DDR4 ECC, 1GbE QNAP DS923+. Total installed storage capacity: 16 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: AMD Ryzen, Processor manufacturer: AMD, Processor model: R1600. Internal memory: 4 GB, Internal memory type: DDR4L, Maximum RAM supported: 32 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Copper ethernet cabling technology: 10BASE-T, 100BASE-TX, 1000BASE-T, Supported network protocols: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP,.... Chassis type: Tower, Cooling type: Active, Product colour: Black



| Storage | | Design | |
|--------------------------------------|------------------------------------|--------------------------------------|--|
| Supported storage drive interfaces | M.2, Serial ATA III | Built-in display | ✗ |
| Storage drive sizes supported | 2.5,3.5" | Cable lock slot | ✓ |
| Number of M.2 (M & B) slots | 2 | Cable lock slot type | Kensington |
| RAID support * | ✓ | Built-in speaker(s) | ✗ |
| RAID levels | 0, 1, 5, 6, 10, JBOD | Performance | |
| Online RAID migration | ✓ | Type * | NAS |
| Online RAID expansion | ✓ | Device class * | Home & Home Office |
| Hot-swap drive bays | ✓ | Backup function * | ✓ |
| Supported file systems | BTRFS, Fat, HFS+, NTFS, ext3, ext4 | Backup features | Cloud, iSCSI LUN |
| Storage drives installed * | ✓ | Multilingual support | ✓ |
| Total installed storage capacity * | 16 TB | Noise level | 22.9 dB |
| Number of storage drives installed * | 4 | Card reader integrated | ✗ |
| Number of storage drives supported * | 4 | Management protocols | SNMP |
| Installed storage drive type * | HDD | Security algorithms | AES |
| Supported storage drive types * | HDD & SSD | Access Control List (ACL) | ✓ |
| Processor | | Reset button | ✓ |
| Processor manufacturer * | AMD | On/off switch | ✓ |
| Processor family * | AMD Ryzen | Built-in UPnP AV media server | ✓ |
| Processor model * | R1600 | Built-in FTP server | ✓ |
| Processor frequency * | 2.6 GHz | Browser supported | Google Chrome, Firefox, Microsoft Edge, Safari |
| Processor boost frequency | 3.1 GHz | Hot spare | ✓ |
| Processor cores | 2 | Software | |
| Memory | | Operating system installed * | DiskStation Manager |
| Internal memory type | DDR4L | Operating system version | 7.1.1 |
| Maximum RAM supported | 32 GB | Server operating systems supported | Windows Server 2016, Windows Server 2019 |
| Memory slots | 2 | Power | |
| Internal memory * | 4 GB | Power supply location | External |
| ECC | ✓ | Power supply unit (PSU) capacity | 100 W |
| Network | | Number of power supply units | 1 |
| Ethernet LAN * | ✓ | Redundant power supply (RPS) support | ✗ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Power consumption (typical) | 35.51 W |
| Copper ethernet cabling technology | 10BASE-T, 100BASE-TX, 1000BASE-T | Power consumption (HDD standby) | 11.52 W |
| iSCSI support | ✓ | AC input voltage | 100 - 240 V |
| Wake-on-LAN ready | ✓ | | |

| | | | |
|---|--|-----------------------------------|-----------------------------------|
| Network | | Power | |
| Supported network protocols | SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV | AC input frequency | 50 / 60 Hz |
| Link aggregation | ✓ | Weight & dimensions | |
| Ports & interfaces | | Width * | 199 mm |
| USB port * | ✓ | Depth * | 223 mm |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 2 | Height * | 166 mm |
| eSATA ports quantity | 1 | Weight | 2.34 kg |
| Ethernet LAN (RJ-45) ports * | 2 | Packaging content | |
| PCI Express x2 (Gen 3.x) slots | 1 | External power adapter | ✓ |
| Design | | Cables included | AC, LAN (RJ-45) |
| Chassis type * | Tower | Power cables quantity | 1 |
| Cooling type * | Active | Technical details | |
| Product colour | Black | Sustainability compliance | ✓ |
| Number of fans | 2 fan(s) | Sustainability certificates | CE, RoHS |
| Fan diameter | 9.2 cm | Compliance certificates | CE, RoHS |
| Drive bay locking | ✓ | Operational conditions | |
| LED indicators | ✓ | Operating temperature (T-T) | 0 - 40 °C |
| | | Operating relative humidity (H-H) | 5 - 95% |
| | | Storage temperature (T-T) | -20 - 60 °C |
| | | Certificates | |
| | | Certification | FCC BSMI VCCI RCM UKCA EAC CCC KC |

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