



QNAP TVS-673E-4G NAS Tower AMD Embedded R-Series SoC RX-421BD 4 GB DDR4 24 TB HDD QNAP Turbo System Gold

Brand : QNAP

Product code: TVS-673E-4G/24TB-IW

Product name : TVS-673E-4G

Tower, AMD R-Series RX-421BD quad-core 2.1 GHz, 4 GB DDR4 RAM, Flash 512 MB DOM, Radeon R7, AES-NI, 2 x M.2, 6 x 2.5"/3.5", 6Gbps, 4x LAN, USB 3.0, HDMI, 2x PCIe Gen3 x4, 6 x 4TB Seagate IronWolf NAS HDD

QNAP TVS-673E-4G NAS Tower AMD Embedded R-Series SoC RX-421BD 4 GB DDR4 24 TB HDD QNAP Turbo System Gold:

The TVS-673e is powered by a high-end AMD R-Series APU that incorporates an exceptional CPU with AMD Radeon™ R7 Graphics performance, delivering a high-performance and energy-efficient NAS solution. Built with a state-of-the-art metal design and topped off with a stylish gold finish, the highly-capable TVS-673e provides PCIe expandability, the unique USB QuickAccess port, HDMI 4K@ 30Hz output, and 4K H.264 video decoding and encoding acceleration for an optimum audiovisual experience.



| Storage | | Design | |
|--------------------------------------|------------------------------------|-------------------------------|--|
| Storage drive capacity * | 4 TB | LED indicators | ✓ |
| Storage drive interface * | Serial ATA III | Built-in display | ✓ |
| Supported storage drive interfaces | M.2, Serial ATA II, Serial ATA III | Display type | LCD |
| 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 | Number of built-in speakers | 2 |
| Online RAID migration | ✓ | Performance | |
| Online RAID expansion | ✓ | Type * | NAS |
| RAID rebuild | ✓ | Device class * | Home & Home Office |
| Hot-swap drive bays | ✓ | Backup function * | ✓ |
| Supported file systems | FAT32, HFS+, NTFS, ext3, ext4 | Backup features | Cloud, iSCSI LUN |
| Storage drives installed * | ✓ | Multilingual support | ✓ |
| Total installed storage capacity * | 24 TB | Third-party support | ✓ |
| Number of storage drives installed * | 6 | Built-in optical drive | ✗ |
| Number of storage drives supported * | 8 | Card reader integrated | ✗ |
| Installed storage drive type * | HDD | Snapshot | ✓ |
| Supported storage drive types * | HDD & SSD | Management protocols | SNMP |
| Bad block scan | ✓ | Web-based management | ✓ |
| Disk roaming | ✓ | Security algorithms | 256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH, SSL/TLS |
| Processor | | Access Control List (ACL) | ✓ |
| Processor family * | AMD Embedded R-Series SoC | On/off switch | ✓ |
| Processor model * | RX-421BD | Built-in BitTorrent client | ✓ |
| Processor frequency * | 2.1 GHz | Built-in UPnP AV media server | ✓ |
| Processor boost frequency | 3.4 GHz | Built-in iTunes server | ✓ |
| Processor cores | 4 | Built-in FTP server | ✓ |
| Processor operating modes | 64-bit | Browser supported | Internet Explorer 10+, Chrome, Safari 7+, Firefox |
| On-board graphics card model | AMD Radeon R7 | System log | ✓ |
| Memory | | Hot spare | ✓ |
| Internal memory * | 4 GB | Password authentication | ✓ |
| Internal memory type | DDR4 | Disk scan | ✓ |
| Maximum RAM supported | 64 GB | S.M.A.R.T. support | ✓ |
| Memory slots | 4 | Share folder | CIFS/SMB |

| | | | |
|---|--|--|---|
| Memory | | Performance | |
| Memory form factor | SO-DIMM | Backup button | ✓ |
| Flash memory | 512 MB | Universal Plug and Play (UPnP) | ✓ |
| Network | | Software | |
| Ethernet LAN * | ✓ | Operating system installed * | QNAP Turbo System |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Operating system version | 4.3 |
| Copper ethernet cabling technology | 10BASE-T, 100BASE-T, 1000BASE-T | Windows operating systems supported | Windows 10, Windows 7, Windows 8 |
| Wi-Fi | ✗ | Linux operating systems supported | ✓ |
| DHCP client | ✓ | Mac compatibility | ✓ |
| DHCP server | ✓ | 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 |
| Jumbo frames support | ✓ | Server operating systems supported | Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016 |
| iSCSI support | ✓ | | |
| Wake-on-LAN ready | ✓ | | |
| Supported network protocols | CIFS/SMB, AFP (v3.3), NFS (v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC | | |
| Dynamic DNS (DDNS) | ✓ | | |
| Ports & interfaces | | Power | |
| USB port * | ✓ | Power supply location | Built-in |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4 | Power supply unit (PSU) capacity | 250 W |
| HDMI ports quantity | 2 | Number of power supply units | 1 |
| HDMI version | 1.4b | AC input voltage | 100-240 V |
| Ethernet LAN (RJ-45) ports * | 4 | AC input frequency | 50 - 60 Hz |
| 3.5 mm (1/8-inch) out | ✓ | Weight & dimensions | |
| Microphone in | ✓ | Width * | 264.3 mm |
| PCI Express x4 (Gen 3.x) slots | 2 | Depth * | 279.6 mm |
| Design | | Height * | 188.2 mm |
| Chassis type * | Tower | Packaging content | |
| Cooling type * | Active | Cables included | AC, LAN (RJ-45) |
| Product colour | Gold | Quick installation guide | ✓ |
| Number of fans | 3 fan(s) | Number of screws | 20 |
| Fan diameter | 12 cm | Operational conditions | |
| Fan diameter 2 | 6 cm | Operating temperature (T-T) | 0 - 40 °C |
| | | Operating relative humidity (H-H) | 5 - 95% |
| | | Other features | |
| | | Power management | ✓ |
| | | Digital Living Network Alliance (DLNA) certified | ✓ |



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