



QNAP TVS-673e NAS Tower AMD Embedded R-Series SoC RX-421BD 4 GB DDR4 48 TB HDD QNAP Turbo System Black, Bronze

Brand : QNAP

Product code: TVS-673E-4G/48TB-IWPRO

Product name : TVS-673e

AMD RX-421BD (2.1/3.4GHz), 4GB DDR4 (2133Mhz), Gigabit LAN
QNAP TVS-673e. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business. Processor family: AMD Embedded R-Series SoC, Processor model: RX-421BD, Processor frequency: 2.1 GHz. Internal memory: 4 GB, Internal memory type: DDR4. Total installed storage capacity: 48 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



| Storage | | Design | |
|--------------------------------------|--|--------------------------------------|--|
| Supported storage drive interfaces | M.2, Serial ATA III | LED indicators | HDD, LAN, Status, USB |
| Storage drive sizes supported | 2.5,3.5,M.2 | Built-in display | ✓ |
| Number of M.2 (M & B) slots | 2 | Display type | LCD |
| RAID support * | ✓ | Cable lock slot | ✓ |
| RAID levels | 0, 1, 5+S, 5, 6, 6+HS, 10+HS, 10, JBOD | Cable lock slot type | Kensington |
| Online RAID migration | ✓ | Built-in speaker(s) | ✓ |
| Online RAID expansion | ✓ | Number of built-in speakers | 1 |
| Hot-swap drive bays | ✓ | Performance | |
| Supported file systems | FAT32, HFS+, exFAT, ext3, ext4 | Type * | NAS |
| Storage drives installed * | ✓ | Device class * | Small & Medium Business |
| Total installed storage capacity * | 48 TB | Backup function * | ✓ |
| Number of storage drives supported * | 6 | Backup features | Cloud, USB drive, iSCSI LUN |
| Installed storage drive type * | HDD | Number of users | 4096 user(s) |
| Supported storage drive types * | HDD & SSD | Noise level | 23 dB |
| Processor | | Third-party support | ✓ |
| Processor family * | AMD Embedded R-Series SoC | Snapshot | ✓ |
| Processor model * | RX-421BD | Management protocols | SNMP |
| Processor frequency * | 2.1 GHz | Web-based management | ✓ |
| Processor boost frequency | 3.4 GHz | Share folder access right management | ✓ |
| Processor cores | 4 | Security algorithms | 256-bit AES, HTTPS, SSH |
| On-board graphics card model | AMD Radeon R7 | Reset button | ✓ |
| Memory | | On/off switch | ✓ |
| Internal memory * | 4 GB | Built-in iTunes server | ✓ |
| Internal memory type | DDR4 | Built-in FTP server | ✓ |
| Memory clock speed | 2133 MHz | Browser supported | Microsoft Internet Explorer 10+, Google Chrome, Apple Safari 7+, Mozilla Firefox |
| Maximum RAM supported | 64 GB | System log | ✓ |
| Memory slots | 4 | Hot spare | ✓ |
| Memory form factor | SO-DIMM | Share folder | 512 |
| Flash memory | 512 MB | Remotely operated | ✓ |
| Network | | Backup button | ✓ |
| Ethernet LAN * | ✓ | Universal Plug and Play (UPnP) | ✓ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | USB copy function | ✓ |
| Wi-Fi | ✗ | Software | |
| DHCP client | ✓ | Operating system installed * | QNAP Turbo System |
| DHCP server | ✓ | Operating system version | 4.3 |
| Jumbo frames support | ✓ | | |

| Network | | Software | |
|---|--|-------------------------------------|---|
| iSCSI support | ✓ | | Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 Pro, Windows 10 Pro x64, Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64 |
| Wake-on-LAN ready | ✓ | | |
| Supported network protocols | CIFS/SMB, AFP (v3.3), FTP, FTPS, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP | | |
| Link aggregation | ✓ | | |
| Dynamic DNS (DDNS) | ✓ | | |
| WLAN adapter supported | ✓ | | |
| Ports & interfaces | | Windows operating systems supported | |
| USB port * | ✓ | | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4 | | |
| HDMI ports quantity | 2 | | |
| HDMI version | 1.4b | | |
| Ethernet LAN (RJ-45) ports * | 4 | | |
| 3.5 mm (1/8-inch) out | ✓ | | |
| PCI Express x4 (Gen 3.x) slots | 2 | | |
| Design | | Linux operating systems supported | ✓ |
| Chassis type * | Tower | Mac operating systems supported | Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion |
| Cooling type * | Active | | |
| Product colour | Black, Bronze | Server operating systems supported | Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016 |
| Number of fans | 3 fan(s) | | |
| Fan diameter | 9 cm | | |
| Fan diameter 2 | 6 cm | | |
| Power | | | |
| Power supply location | | Built-in | |
| Power supply unit (PSU) capacity | | 250 W | |
| Number of power supply units | | 1 | |
| AC input voltage | | 100 - 240 V | |
| AC input frequency | | 50 - 60 Hz | |
| Output current | | 3.5 A | |
| Weight & dimensions | | | |
| Width * | | 264.3 mm | |
| Depth * | | 279.6 mm | |
| Height * | | 188.2 mm | |
| Packaging content | | | |
| Cables included | | AC, LAN (RJ-45) | |
| Quick installation guide | | ✓ | |
| Number of screws | | 20 | |
| Operational conditions | | | |
| Operating temperature (T-T) | | 0 - 40 °C | |
| Operating relative humidity (H-H) | | 5 - 95% | |

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