

QNAP TVS-873e NAS Tower AMD Embedded R-Series SoC

RX-421BD 8 GB DDR4 0 TB QNAP Turbo System Gold



Brand : QNAP

Product code: TVS-873E-8G-US

Product name : TVS-873e

- Integrated Radeon™ R7 GPU for 4K video playback
- Two PCIe slots support 10GbE adapters, QM2 cards, USB 3.1 10Gbps cards, or wireless network cards
- Use the NAS as a PC by attaching a keyboard, mouse, and HDMI display
- Qtier™ auto-tiering technology and SSD caching enable 24/7 optimized storage efficiency
- Scalable storage supporting virtualization, containerized apps, centralized storage, backup, sharing, and disaster recovery
- RAID 50/60 is recommended for NAS with over 10 disks to strike a balance between capacity, protection, and performance

AMD RX-421BD (4x 2.1GHz) 64-bit, Radeon R7, 8GB DDR4, 512MB DOM, 2.5"/3.5", SATA III, 4x RJ-45, 4x USB 3.0, 2x PCIe 3.0 x4, 2x HDMI 1.4b

QNAP TVS-873e. Type: NAS. Chassis type: Tower. Device class: Home & Home Office. Processor family: AMD Embedded R-Series SoC, Processor model: RX-421BD, Processor frequency: 2.1 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: QNAP Turbo System

Storage		Design	
Storage drive capacity *	0 GB	Cooling type *	Active
Supported storage drive interfaces	Serial ATA III	Product colour	Gold
Storage drive sizes supported	2.5,3.5"	Number of fans	3 fan(s)
Number of M.2 (M & B) slots	2	Fan diameter	12 cm
RAID support *	✓	Fan diameter 2	6 cm
RAID levels	0, 1, 5, 6, 10, JBOD	Built-in display	✓
Online RAID migration	✓	Display type	LCD
Online RAID expansion	✓	Cable lock slot	✓
Hot-swap drive bays	✓	Cable lock slot type	Kensington
Supported file systems	FAT32, HFS+, HPFS, exFAT, ext3, ext4	Built-in speaker(s)	✓
Storage drives installed *	✗	Number of built-in speakers	2
Total installed storage capacity *	0 TB	Performance	
Number of storage drives supported *	8	Type *	NAS
Installed storage drive type *	✗	Device class *	Home & Home Office
Supported storage drive types *	HDD & SSD	Backup function *	✓
Processor		Backup features	Cloud, iSCSI LUN
Processor family *	AMD Embedded R-Series SoC	Buzzer	✓
Processor model *	RX-421BD	Multilingual support	✓
Processor frequency *	2.1 GHz	Security algorithms	256-bit AES, HTTPS, SNMP, SSH, SSL/TLS
Processor cores	4	Access Control List (ACL)	✓
On-board graphics card model	AMD Radeon R7	On/off switch	✓
Memory		Browser supported	Apple Safari 7, Google Chrome, Microsoft Internet Explorer 10, Mozilla Firefox
Internal memory *	8 GB	Backup button	✓
Internal memory type	DDR4	Universal Plug and Play (UPnP)	✓
Maximum RAM supported	64 GB	Software	
Memory slots	4	Operating system installed *	QNAP Turbo System
Memory form factor	SO-DIMM	Operating system version	4.3
Flash memory	512 MB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Network		Linux operating systems supported	✓
Ethernet LAN *	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

Network		Software	
Wi-Fi	✗	Mac operating systems supported	Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
DHCP client	✓		
DHCP server	✓		
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	✓		
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	AC input voltage	100 - 240 V
HDMI version	1.4b	AC input frequency	50 - 60 Hz
Ethernet LAN (RJ-45) ports *	4	Weight & dimensions	
3.5 mm (1/8-inch) out	✓	Width *	329.3 mm
PCI Express x4 (Gen 3.x) slots	2	Depth *	279.6 mm
		Height *	188.2 mm
		Weight	6.52 kg
Design		Packaging content	
Chassis type *	Tower	Cables included	AC, LAN (RJ-45)
		Quick installation guide	✓
		Number of screws	26
Operational conditions			
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%

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