

## QNAP TVS-473e NAS Tower Ethernet LAN Gold RX-421BD

Brand : QNAP

Product code: TVS-473E-8G-US

Product name : TVS-473e

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-473e NAS Tower Ethernet LAN Gold RX-421BD:

The TVS-473e 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-473e 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	
Supported storage drive interfaces	Serial ATA III	Cooling type *	Active
Storage drive sizes supported	2.5,3.5"	Product colour	Gold
Number of M.2 (M & B) slots	2	Number of fans	2 fan(s)
RAID support *	✓	Fan diameter	12 cm
RAID levels	0, 1, 5, 6, 10, JBOD	Fan diameter 2	6 cm
Online RAID migration	✓	Built-in display	✓
Online RAID expansion	✓	Display type	LCD
Hot-swap drive bays	✓	Cable lock slot	✓
Supported file systems	FAT32, HFS+, HPFS, exFAT, ext3, ext4	Cable lock slot type	Kensington
Storage drives installed *	✗	Built-in speaker(s)	✓
Number of storage drives supported *	4	Number of built-in speakers	2
Installed storage drive type *	✗	Performance	
Supported storage drive types *	HDD & SSD	Type *	NAS
<b>Processor</b>		Device class *	Home & Home Office
Processor family *	AMD Embedded R-Series SoC	Backup function *	✓
Processor model *	RX-421BD	Backup features	Cloud, iSCSI LUN
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	✓
<b>Memory</b>		Browser supported	Apple Safari 7, Google Chrome, Microsoft Internet Explorer 10, Mozilla Firefox
Internal memory type	DDR4	Backup button	✓
Maximum RAM supported	64 GB	Universal Plug and Play (UPnP)	✓
Memory slots	4 x SO-DIMM DDR4	<b>Software</b>	
Internal memory *	8 GB	Operating system installed *	QNAP Turbo System
Flash memory	512 MB	Operating system version	4.3
<b>Network</b>		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN *	✓	Linux operating systems supported	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Mac operating systems supported	Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Wi-Fi	✗	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
DHCP client	✓	<b>Power</b>	
DHCP server	✓	Power supply location	Built-in
Jumbo frames support	✓	Power supply unit (PSU) capacity	250 W
iSCSI support	✓		
Wake-on-LAN ready	✓		
Dynamic DNS (DDNS)	✓		
<b>Ports &amp; interfaces</b>			
USB port *	✓		

Ports & interfaces		Power	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	AC input voltage	100 - 240 V
HDMI ports quantity	2	AC input frequency	50 - 60 Hz
HDMI version	1.4b	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	4	Width *	199.3 mm
3.5 mm (1/8-inch) out	✓	Depth *	279.6 mm
PCI Express x4 (Gen 3.x) slots	2	Height *	188.2 mm
Microphone in	✓	Weight	4.9 kg
Design		Packaging content	
Chassis type *	Tower	Cables included	AC, LAN (RJ-45)
		Quick installation guide	✓
		Number of screws	14
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%



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