

## QNAP TVS-471 NAS Tower Intel® Core™ i3 i3-4150 4 GB DDR3 16 TB HDD QNAP Turbo System Black

Brand : QNAP

Article code: TVS-471-I3-4G + 1X 0S03678

Product name : TVS-471

TVS-471, i3-4150, 4GB DDR3, 512MB Flash, 4x 2.5/3.5", SATAIII, Gigabit Ethernet, USB 3.0, HDMI, Kensington + 1x 0S03678  
 QNAP TVS-471. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business. Processor family: Intel® Core™ i3, Processor model: i3-4150, Processor frequency: 3.5 GHz. Internal memory: 4 GB, Internal memory type: DDR3. Total installed storage capacity: 16 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



Storage		Design	
Storage drive capacity *	4 TB	Built-in display	✓
Storage drive interface *	Serial ATA III	Display type	LCD
Storage drive size	3.5"	Cable lock slot	✓
RAID support *	✓	Cable lock slot type	Kensington
RAID levels	0, 1, 5, 6, 10	Performance	
Hot-swap drive bays	✓	Type *	NAS
Supported file systems	ext3, ext4, FAT32, HFS+, NTFS	Device class *	Small & Medium Business
Storage drives installed *	✓	Backup function *	✓
Total installed storage capacity *	16 TB	Backup features	Cloud, iSCSI LUN
Number of storage drives installed *	4	Buzzer	✓
Number of storage drives supported *	4	Multilingual support	✓
Installed storage drive type *	HDD	Noise level	17.3 dB
Supported storage drive types *	HDD & SSD	Web-based management	✓
Processor		Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH
Processor manufacturer *	Intel	Access Control List (ACL)	✓
Processor generation	4th gen Intel® Core™ i3	Reset button	✓
Processor family *	Intel® Core™ i3	Software	
Processor model *	i3-4150	Operating system installed *	QNAP Turbo System
Processor frequency *	3.5 GHz	Operating system version	4.1
Processor cores	2	Windows operating systems supported	✓
Processor threads	4	Linux operating systems supported	✓
Processor cache	3 MB	Mac operating systems supported	✓
L3 cache	3 MB	Power	
Bus type	DMI	Power supply location	Built-in
CPU configuration (max)	1	Power supply unit (PSU) capacity	250 W
ECC supported by processor	✓	Number of power supply units	1
PCI Express configurations	1x16, 2x8, 1x8+2x4	AC input voltage	100-240 V
PCI Express slots version	3.0	AC input frequency	50 - 60 Hz
Processor cache type	Smart Cache	Fan voltage	12 V
Processor code	SR1PJ	Weight & dimensions	
Processor codename	Haswell	Width *	7.09" (180 mm)
Processor lithography	22 nm	Depth *	9.25" (235 mm)
Processor operating modes	32-bit, 64-bit		
Processor package size	37.5 x 37.5 mm		
Processor series	Intel Core i3-4100 Desktop series		

Processor		Weight & dimensions	
Processor socket	LGA 1150 (Socket H3)	Height *	6.97" (177 mm)
Scalability	1S	Packaging content	
Stepping	C0	Cables included	AC, LAN (RJ-45)
System bus rate	5 GT/s	Processor special features	
Tcase	72 °C	Embedded options available	✗
Thermal Design Power (TDP)	54 W	Enhanced Intel SpeedStep Technology	✓
On-board graphics card model	Intel® HD Graphics 4400	Execute Disable Bit	✓
Maximum internal memory supported by processor	32 GB	Graphics & IMC lithography	22 nm
Memory bandwidth supported by processor (max)	25.6 GB/s	Idle States	✓
Conflict-Free processor	✓	Intel 64	✓
Memory		Intel Enhanced Halt State	✓
Internal memory *	4 GB	Intel Small Business Advantage (SBA) version	1.00
Internal memory type	DDR3	Intel Stable Image Platform Program (SIPP)	✗
Maximum RAM supported	16 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Memory slots	2	Intel Trusted Execution Technology	✗
Flash memory	512 MB	Intel TSX-NI	✗
Network		Intel TSX-NI version	0.00
Ethernet LAN *	✓	Intel Virtualization Technology (VT-x)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Wi-Fi	✗	Intel VT-x with Extended Page Tables (EPT)	✓
DHCP client	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
DHCP server	✓	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Jumbo frames support	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
iSCSI support	✓	Intel® InTru™ 3D Technology	✓
Wake-on-LAN ready	✓	Intel® Quick Sync Video Technology	✓
Supported network protocols	CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC	Intel® Smart Cache	✓
Ports & interfaces		Intel® Turbo Boost Technology	✗
USB port *	✓	Intel® Wireless Display (Intel® WiDi)	✓
USB 2.0 ports quantity	2	Maximum number of PCI Express lanes	16
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Thermal Monitoring Technologies	✓
HDMI ports quantity	1	Thermal solution specification	PCG 2013C
Ethernet LAN (RJ-45) ports *	4	Memory channels supported by processor	Dual
Graphics		Memory types supported by processor	DDR3-SDRAM
On-board graphics card base frequency	350 MHz	Operational conditions	
On-board graphics card dynamic frequency (max)	1150 MHz	Operating temperature (T-T)	0 - 40 °C
On-board graphics card DirectX version	11.1	Operating relative humidity (H-H)	5 - 95%
On-board graphics card ID	0x41E	Other features	
Maximum on-board graphics card memory	1.024 GB	Processor ARK ID	77486
Number of displays supported (on-board graphics)	3		
Design			
Chassis type *	Tower		
Cooling type *	Active		
Product color	Black		
Number of fans	2 fan(s)		
Drive bay locking	✓		
LED indicators	HDD, LAN, Status, USB		

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.