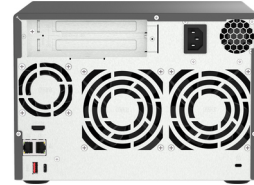QNAP

QNAP TVS-h674 NAS Tower Intel® Core™ i3 i3-12100 16 GB DDR4 0 TB QuTS hero musta

Tuotemerkki : QNAP   **Tuotekoodi:** TVS-H674-I3-16G

Tuotteen nimi : TVS-h674

QNAP TVS-h674. Malli: NAS. Alustatyyppi: Tower. Laitteen luokka: Pienet & Keskikokoiset Yritykset. Suoritinperhe: Intel® Core™ i3, Prosessorimalli: i3-12100, Prosessorin taajuus: 3,3 GHz. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QuTS hero

Storage

Storage drive capacity *	0 GB
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5,M.2
Number of M.2 (M & B) slots	2
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, JBOD
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	6
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD
Disk roaming	✔

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor model *	i3-12100
Processor frequency *	3.3 GHz
Processor boost frequency	4.3 GHz
Processor cores	4
Processor threads	8
Processor cache	12 MB
L2 cache	5 MB
Bus type	DMI4
CPU configuration (max)	1
On-board graphics card model	Intel UHD Graphics 730

Memory

Internal memory *	16 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	2

Performance

Device class *	Small & Medium Business
Backup function *	✔
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Number of users	16000 user(s)
Third-party support	✔
Snapshot	✔
Management protocols	SNMP V2/V3
Web-based management	✔
Share folder access right management	✔
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, TLS
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version)
System log	✔
Hot spare	✔
Disk scan	✔
S.M.A.R.T. support	✔
Share folder	Thick, Thin
USB copy function	✔

Software

Operating system installed *	QuTS hero
Operating system version	h5.0.0

Memory

Memory form factor	SO-DIMM
Flash memory	5000 MB

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	IPv4, IPv6
Dynamic DNS (DDNS)	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity	1
HDMI version	1.4b
Ethernet LAN (RJ-45) ports *	2
Concurrent connections	2500
PCI Express x16 (Gen 4.x) slots	1

Design

Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	3 fan(s)
Fan diameter	9.2 cm
Fan diameter 2	6 cm
Drive bay locking	✔
LED indicators	M.2, HDD, LAN, Status, USB
Built-in display	✔
Display type	LCD
Cable lock slot	✔
Cable lock slot type	Kensington

Performance

Type *	NAS

Software

Windows operating systems supported	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 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 11, Windows 11 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
Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
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 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Other operating systems supported	IBM AIX 7.1, Solaris 10

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
Power consumption (typical)	79.363 W
Power consumption (sleep)	39.911 W
AC input voltage	100 - 240 V

Weight & dimensions

Width *	264.3 mm
Depth *	280.8 mm
Height *	188 mm
Weight	6.55 kg
Package weight	8.07 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Quick installation guide	✔
Number of screws	42
Drive tray key included	✔

Processor special features

Embedded options available	✘
Enhanced Intel SpeedStep Technology	✔
Execute Disable Bit	✔
Idle States	✔
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔

Processor special features	
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel VT-x with Extended Page Tables (EPT)	✔

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C

Other features	
Fibre Channel	✔

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