



QNAP TVS-H474 NAS Tower Intel® Pentium® G7400 8 GB DDR4 56 TB QuTS hero Black

Brand : QNAP

Product code: TVS-H474-PT-8G/56TB-EXOS

Product name : TVS-H474

Intel Pentium Gold G7400 3.7 GHz, Intel UHD Graphics 710, 8 GB SODIMM DDR4, 5GB Flash, 4 x 3.5", 2 x M.2, RJ-45, USB, HDMI

QNAP TVS-H474. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business. Processor family: Intel® Pentium®, Processor model: G7400, Processor frequency: 3.7 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 56 TB. Operating system installed: QuTS hero



Storage		Design	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Cable lock slot type	Kensington
Storage drive sizes supported	2.5,3.5"	Performance	
Number of M.2 (M & B) slots	2	Type *	NAS
RAID support *	✓	Device class *	Small & Medium Business
RAID levels	1, 5, 6, 10, 50, JBOD	Backup function *	✓
RAID rebuild	✓	Backup features	Cloud, iSCSI LUN
Hot-swap drive bays	✓	Buzzer	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Multilingual support	✓
Storage drives installed *	✓	Number of users	16000 user(s)
Total installed storage capacity *	56 TB	Snapshot	✓
Number of storage drives supported *	4	Management protocols	SMB/CIFS, AFP, NFS
Supported storage drive types *	HDD & SSD	Web-based management	✓
Disk roaming	✓	Share folder access right management	✓
Processor		Security algorithms	SNMPv2, SNMPv3, SSH
Processor manufacturer *	Intel	Access Control List (ACL)	✓
Processor family *	Intel® Pentium®	Reset button	✓
Processor model *	G7400	On/off switch	✓
Processor frequency *	3.7 GHz	Built-in FTP server	✓
Processor cores	2	Browser supported	Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version)
Processor threads	4	System log	✓
Processor cache	6 MB	Hot spare	✓
L2 cache	2.5 MB	Disk scan	✓
Bus type	DMI4	S.M.A.R.T. support	✓
CPU configuration (max)	1	Share folder	Thick, Thin
On-board graphics card model	Intel UHD Graphics 710	USB copy function	✓
Memory		Software	
Internal memory *	8 GB	Operating system installed *	QuTS hero
Internal memory type	DDR4	Operating system version	h5.0.1
Maximum RAM supported	64 GB		
Memory slots	2		
Memory form factor	SO-DIMM		
Flash memory	5000 MB		
Network			
Ethernet LAN *	✓		

Network		Software	
Ethernet LAN data rates	10,100,1000,2500 Mbit/s		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 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64
DHCP server	✓	Windows operating systems supported	
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Supported network protocols	IPv4, IPv6	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
Dynamic DNS (DDNS)	✓		
Ports & interfaces			
USB port *	✓	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
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Other operating systems supported	IBM AIX 7.1, Solaris 10
HDMI ports quantity	1		
HDMI version	1.4b		
Ethernet LAN (RJ-45) ports *	2		
Number of SATA III connectors	4		
Concurrent connections	700		
PCI Express x2 (Gen 3.x) slots	2		
PCI Express x16 (Gen 4.x) slots	1		
Design			
Chassis type *	Tower		
Cooling type *	Active		
Product colour	Black		
Number of fans	2 fan(s)		
Fan diameter	12 cm		
Fan diameter 2	6 cm		
LED indicators	M.2, HDD, LAN, Status, USB		
Built-in display	✓		
Display type	LCD		
Cable lock slot	✓		
Power			
Power supply location	Built-in		
Power supply unit (PSU) capacity	250 W		
Number of power supply units	1		
Power consumption (typical)	78.574 W		
Power consumption (sleep)	34.906 W		
AC input voltage	100 - 240 V		
Weight & dimensions			
Width *	199.3 mm		
Depth *	280.2 mm		
Height *	188.2 mm		
Packaging content			
Cables included	AC, LAN (RJ-45)		
Power cables quantity	1		
Number of screws	28		
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)	✓		
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

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