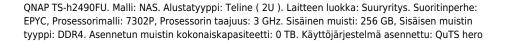**QNAP**

QNAP TS-h2490FU NAS Teline (2U) EPYC 7302P 256 GB DDR4 0 TB QuTS hero musta, Harmaa

Tuotemerkki : QNAP   **Tuotekoodi:** TS-H2490FU-7302P-256G

Tuotteen nimi : TS-h2490FU

QNAP TS-h2490FU. Malli: NAS. Alustatyyppi: Teline (2U). Laitteen luokka: Suuryritys. Suoritinperhe: EPYC, Prosessorimalli: 7302P, Prosessorin taajuus: 3 GHz. Sisäinen muisti: 256 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QuTS hero

Storage

Storage drive capacity *	0 GB
Supported storage drive interfaces	U.2
Storage drive sizes supported	2.5"
Number of system drives supported	24
System drive sizes supported	2.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ZFS, ext3, ext4
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	24
Installed storage drive type *	✘
Supported storage drive types *	SSD
Bad block scan	✔

Processor

Processor manufacturer *	AMD
Processor family *	EPYC
Processor model *	7302P
Processor frequency *	3 GHz
Processor boost frequency	3.3 GHz
Processor cores	16
Processor threads	32
L3 cache	128 MB

Memory

Internal memory *	256 GB
Internal memory type	DDR4
Maximum RAM supported	4.1 TB
Memory slots	16
Memory form factor	RDIMM
Flash memory	5000 MB

Design

Fan diameter	6 cm
LED indicators	HDD, LAN, Status

Performance

Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔
Backup features	Cloud, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Noise level	53.5 dB
Snapshot	✔
Web-based management	✔
Security algorithms	256-bit AES, HTTPS, SSH, SSL/TLS
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Mozilla Firefox, Microsoft Internet Explorer, Apple Safari, Google Chrome
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔
Universal Plug and Play (UPnP)	✔

Software

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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s
DHCP client	✔
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	TCP/IP, IPv4, IPv6
Link aggregation	✔
Load balancing system	✔
Dynamic DNS (DDNS)	✔
WLAN adapter supported	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Fiber ports quantity	4
Fiber optic connector	SFP28
Ethernet LAN (RJ-45) ports *	2
Concurrent connections	10000

Design

Chassis type *	Rack (2U)
Cooling type *	Active
Product colour	Black, Grey
Number of fans	4 fan(s)

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 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, SuSE Linux 12.0, SuSE Linux 12.3, SuSE Linux 15, Ubuntu 14.04, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04, Ubuntu 16.10, Ubuntu 17.10, Ubuntu 18.04 LTS, Ubuntu 20.04 LTS
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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks, Mac OS X 11.0 Big Sur
Server operating systems supported	Windows Server 2003, 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, IBM AIX 7.2, Solaris 10, Solaris 11

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	1100 W
Number of power supply units	2
Power consumption (typical)	277.64 W
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	481 mm
Depth *	510.2 mm
Height *	88.3 mm
Weight	15.2 kg
Package weight	21.9 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Power cables quantity	2
Quick installation guide	✔
Number of screws	96

Operational conditions

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

Logistics data

Harmonized System (HS) code	84714100

Other features

Fibre Channel	✔

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