QNAP

QNAP TS-h1090FU NAS Teline (1U) EPYC 7302P 256 GB DDR4 0 TB QuTS hero musta, Harmaa

Tuotemerkki : QNAP

Tuotekoodi: TS-H1090FU-7302P-256G
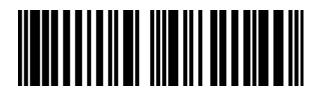
Tuotteen nimi : TS-h1090FU

QNAP TS-h1090FU. Malli: NAS. Alustatyyppi: Teline (1U). 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"
System drive type	SSD
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	10
Installed storage drive type *	✘
Supported storage drive types *	SSD
Bad block scan	✔
Disk roaming	✔

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

Memory

Internal memory *	256 GB
Internal memory type	DDR4
Maximum RAM supported	1.02 TB
Memory slots	12
Memory form factor	RDIMM
ECC	✔

Design

Chassis type *	Rack (1U)
Cooling type *	Active
Product colour	Black, Grey
Number of fans	5 fan(s)
Fan diameter	6 cm
LED indicators	✔

Performance

Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔
Backup features	Cloud, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Snapshot	✔
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
System log	✔
Disk scan	✔
S.M.A.R.T. support	✔

Software

Operating system installed *	QuTS hero
Operating system version	ZFS-based
Windows operating systems supported	✔
Linux operating systems supported	✔
Mac operating systems supported	✔
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Memory

Flash memory	5000 MB

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s
DHCP client	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Dynamic DNS (DDNS)	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
Fiber ports quantity	2
Fiber optic connector	SFP28
Ethernet LAN (RJ-45) ports *	2
Concurrent connections	10000
PCI Express x16 (Gen 4.x) slots	2

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	550 W
Number of power supply units	2
Redundant power supply (RPS) support	✔
Power consumption (typical)	157.97 W
AC input voltage	100 - 240 V

Weight & dimensions

Width *	430 mm
Depth *	580 mm
Height *	44 mm
Weight	10.4 kg
Package weight	13.5 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Rack mount kit	✔
Number of screws	40
Drive tray key included	✔

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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