

# QNAP TS-h1090FU NAS Teline ( 1U ) EPYC 7302P 128 GB DDR4 0 TB QuTS hero musta, Harmaa

**Tuotemerkki :** QNAP

**Tuotekoodi:** TS-H1090FU-7302P-128G



**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: 128 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QuTS hero



| Storage                              |                               | Design                              |   |
|--------------------------------------|-------------------------------|-------------------------------------|---|
| Storage drive capacity *             | 0 GB                          | Chassis type *                      | Rack (1U)   |
| Supported storage drive interfaces   | U.2                           | Cooling type *                      | Active  |
| Storage drive sizes supported        | 2.5"                          | Product colour                      | Black, Grey   |
| System drive type                    | SSD                           | Number of fans                      | 5 fan(s)  |
| RAID support *                       | ✓                             | Fan diameter                        | 6 cm  |
| RAID levels                          | 0, 6, 1, 50, JBOD, 5, 60, 10  | LED indicators                      | ✓   |
| Online RAID migration                | ✓                             | <b>Performance</b>                  |   |
| Online RAID expansion                | ✓                             | Type *                              | NAS   |
| RAID rebuild                         | ✓                             | Device class *                      | Large Enterprise Business   |
| Hot-swap drive bays                  | ✓                             | Backup function *                   | ✓   |
| Supported file systems               | exFAT, HFS+, NTFS, ext3, ext4 | Backup features                     | Cloud, iSCSI LUN  |
| Storage drives installed *           | ✗                             | Buzzer                              | ✓   |
| Total installed storage capacity *   | 0 TB                          | Multilingual support                | ✓   |
| Number of storage drives supported * | 10                            | Snapshot                            | ✓   |
| Installed storage drive type *       | ✗                             | Access Control List (ACL)           | ✓   |
| Supported storage drive types *      | SSD                           | Reset button                        | ✓   |
| Bad block scan                       | ✓                             | On/off switch                       | ✓   |
| Disk roaming                         | ✓                             | Browser supported                   | Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox  |
| <b>Processor</b>                     |                               | System log                          | ✓   |
| Processor manufacturer *             | AMD                           | Disk scan                           | ✓   |
| Processor family *                   | EPYC                          | S.M.A.R.T. support                  | ✓   |
| Processor model *                    | 7302P                         | <b>Software</b>                     |   |
| Processor frequency *                | 3 GHz                         | Operating system installed *        | QuTS hero   |
| Processor boost frequency            | 3.3 GHz                       | Operating system version            | ZFS-based   |
| Processor cores                      | 16                            | Windows operating systems supported | ✓   |
| Processor threads                    | 32                            | Linux operating systems supported   | ✓   |
| <b>Memory</b>                        |                               | Mac operating systems supported     | ✓   |
| Internal memory *                    | 128 GB                        | Server operating systems supported  | Windows Server 2019, Windows Server 2012 R2, Windows Server 2008 R2, Windows Server 2016, Windows Server 2012 |
| Internal memory type                 | DDR4                          |                                     |   |
| Maximum RAM supported                | 1.02 TB                       |                                     |   |
| Memory slots                         | 12                            |                                     |   |
| Memory form factor                   | RDIMM                         |                                     |   |
| ECC                                  | ✓                             |                                     |   |

|   |                               |                                      |                 |
|---|-------------------------------|--------------------------------------|-----------------|
| <b>Memory</b>                                   |                               | <b>Power</b>                         |                 |
| Flash memory                                    | 5000 MB                       | Power supply location                | Built-in        |
| <b>Network</b>                                  |                               | Power supply unit (PSU) capacity     | 550 W           |
| Ethernet LAN *                                  | ✓                             | Number of power supply units         | 2               |
| Ethernet LAN data rates                         | 10,1000,2500,25000,100 Mbit/s | Redundant power supply (RPS) support | ✓               |
| DHCP client                                     | ✓                             | Power consumption (typical)          | 157.97 W        |
| Jumbo frames support                            | ✓                             | AC input voltage                     | 100 - 240 V     |
| iSCSI support                                   | ✓                             | <b>Weight &amp; dimensions</b>       |                 |
| Wake-on-LAN ready                               | ✓                             | Width *                              | 430 mm          |
| Dynamic DNS (DDNS)                              | ✓                             | Depth *                              | 580 mm          |
| <b>Ports &amp; interfaces</b>                   |                               | Height *                             | 44 mm           |
| USB port *                                      | ✓                             | Weight                               | 10.4 kg         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3                             | Package weight                       | 13.5 kg         |
| Fiber ports quantity                            | 2                             | <b>Packaging content</b>             |                 |
| Fiber optic connector                           | SFP28                         | Cables included                      | AC, LAN (RJ-45) |
| Ethernet LAN (RJ-45) ports *                    | 2                             | Power cables quantity                | 1               |
| Concurrent connections                          | 10000                         | Rack mount kit                       | ✓               |
| PCI Express x16 (Gen 4.x) slots                 | 2                             | Number of screws                     | 40              |
|   |                               | Drive tray key included              | ✓               |
|   |                               | <b>Operational conditions</b>        |                 |
|   |                               | 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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Publication date: 09-MAR-2025. Prints or copies of Information are only valid on the printed Publication date