

**QNAP TS-453E NAS Tower Intel® Celeron® J6412 8 GB 0 TB QNAP QTS musta**



**Tuotemerkki :** QNAP

**Tuotekoodi:** TS-453E-8G

**Tuotteen nimi :** TS-453E

QNAP TS-453E. Malli: NAS. Alustatyyppi: Tower. Laitteen luokka: Pienet & Keskikokoiset Yritykset. Suoritinperhe: Intel® Celeron®, Prosessorimalli: J6412, Prosessorin taajuus: 2 GHz. Sisäinen muisti: 8 GB. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QNAP QTS

| Storage                              |                                      | Performance                          |   |
|--------------------------------------|--------------------------------------|--------------------------------------|---|
| Supported storage drive interfaces   | M.2, Serial ATA III                  | Device class *                       | Small & Medium Business   |
| Storage drive sizes supported        | 2.5,3.5,M.2                          | Backup function *                    | ✓   |
| Number of M.2 (M & B) slots          | 2                                    | Backup features                      | Cloud, iSCSI LUN  |
| RAID support *                       | ✓                                    | Buzzer                               | ✓   |
| RAID levels                          | 0, 1, 5, 6, 10, JBOD                 | Snapshot                             | ✓   |
| Online RAID migration                | ✓                                    | Management protocols                 | SNMP V2/V3  |
| Online RAID expansion                | ✓                                    | Share folder access right management | ✓   |
| RAID rebuild                         | ✓                                    | Security algorithms                  | FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH  |
| Hot-swap drive bays                  | ✓                                    | Access Control List (ACL)            | ✓   |
| Supported file systems               | FAT32, HFS+, NTFS, exFAT, ext3, ext4 | Reset button                         | ✓   |
| Storage drives installed *           | ✗                                    | On/off switch                        | ✓   |
| Total installed storage capacity *   | 0 TB                                 | Built-in FTP server                  | ✓   |
| Number of storage drives supported * | 4                                    | Browser supported                    | Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox  |
| Installed storage drive type *       | ✗                                    | System log                           | ✓   |
| Supported storage drive types *      | HDD & SSD                            | Hot spare                            | ✓   |
| Auto-rebuild                         | ✓                                    | Password authentication              | ✓   |
| Bad block scan                       | ✓                                    | Disk scan                            | ✓   |
| Disk roaming                         | ✓                                    | S.M.A.R.T. support                   | ✓   |
| <b>Processor</b>                     |                                      | Share folder                         | 512   |
| Processor manufacturer *             | Intel                                | Backup button                        | ✓   |
| Processor family *                   | Intel® Celeron®                      | USB copy function                    | ✓   |
| Processor model *                    | J6412                                | <b>Software</b>                      |   |
| Processor frequency *                | 2 GHz                                | Operating system installed *         | QNAP QTS  |
| Processor boost frequency            | 2.6 GHz                              | Operating system version             | 5.0.1   |
| Processor cores                      | 4                                    | Windows operating systems supported  | Windows 10, Windows 8, Windows 7, Windows 11  |
| Processor threads                    | 4                                    | Linux operating systems supported    | Ubuntu 14.04  |
| <b>Memory</b>                        |                                      | 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 10.15 Catalina, Mac OS X 10.15.3 Catalina |
| Internal memory *                    | 8 GB                                 |                                      |   |
| Maximum RAM supported                | 8 GB                                 |                                      |   |
| Flash memory                         | 4000 MB                              |                                      |   |
| <b>Network</b>                       |                                      |                                      |   |
| Ethernet LAN *                       | ✓                                    |                                      |   |

| Network   |                         | Software                           |   |
|---|-------------------------|------------------------------------|---|
| Ethernet LAN data rates                         | 10,100,1000,2500 Mbit/s | Server operating systems supported | Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 |
| DHCP server                                     | ✓                       | Other operating systems supported  | Solaris 10  |
| Jumbo frames support                            | ✓                       |                                    |   |
| iSCSI support                                   | ✓                       |                                    |   |
| Wake-on-LAN ready                               | ✓                       |                                    |   |
| Dynamic DNS (DDNS)                              | ✓                       |                                    |   |
| Ports & interfaces                              |                         | Power                              |   |
| USB port *                                      | ✓                       | Power supply location              | External  |
| USB 2.0 ports quantity                          | 2                       | Power supply unit (PSU) capacity   | 90 W  |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                       | Number of power supply units       | 1   |
| HDMI ports quantity                             | 2                       | Power consumption (typical)        | 33.88 W   |
| HDMI version                                    | 1.4b                    | Power consumption (sleep)          | 15.78 W   |
| Ethernet LAN (RJ-45) ports *                    | 2                       | AC input voltage                   | 100 - 240 V   |
|   |                         | Fan voltage                        | 12 V  |
| Design  |                         | Weight & dimensions                |   |
| Chassis type *                                  | Tower                   | Width *                            | 180 mm  |
| Cooling type *                                  | Active                  | Depth *                            | 235 mm  |
| Product colour                                  | Black                   | Height *                           | 177 mm  |
| Number of fans                                  | 1 fan(s)                | Weight                             | 3 kg  |
| Fan diameter                                    | 12 cm                   | Package weight                     | 4.3 kg  |
| LED indicators                                  | LAN, Power, Status      |                                    |   |
| Performance                                     |                         | Packaging content                  |   |
| Type *  | NAS                     | External power adapter             | ✓   |
|   |                         | Cables included                    | AC, LAN (RJ-45)   |
|   |                         | Power cables quantity              | 1   |
|   |                         | 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%   |



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