



# QNAP TS-855EU-8G NAS/storage server Rack (2U) Intel Atom® C5125 8 GB DDR4 0 TB QuTS hero Black



**Brand :** QNAP

**Product code:** TS-855EU-8G

**Product name :** TS-855EU-8G

Intel Atom C5125 8-core processor, 2.8GHz, 64-bit x86, 8 GB DDR4, Flash Memory 5GB, Hot-swap, 2.5G/1G/100M, 2U, 250W PSU, 100 - 240V, Black

QNAP TS-855EU-8G. Type: NAS. Chassis type: Rack (2U). Device class: Small & Medium Business. Processor family: Intel Atom®, Processor model: C5125, Processor frequency: 2.8 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: QuTS hero

| Storage                              |   | Design                              |   |
|--------------------------------------|---|-------------------------------------|---|
| Storage drive capacity *             | 0 GB                                      | Product colour                      | Black   |
| Supported storage drive interfaces   | Serial ATA III, Serial ATA II             | Number of fans                      | 3 fan(s)  |
| Storage drive sizes supported        | 2.5,3.5"                                  | Fan diameter                        | 6 cm  |
| Number of M.2 (M & B) slots          | 2   | LED indicators                      | ✓   |
| RAID support *                       | ✓   | Performance                         |   |
| RAID levels                          | 0, 1, 5, 10, 50, 60, JBOD                 | Type *                              | NAS   |
| Online RAID migration                | ✓   | Device class *                      | Small & Medium Business   |
| Online RAID expansion                | ✓   | Backup function *                   | ✓   |
| RAID rebuild                         | ✓   | Backup features                     | USB drive, iSCSI LUN  |
| Hot-swap drive bays                  | ✓   | Buzzer                              | ✓   |
| Supported file systems               | FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4 | Snapshot                            | ✓   |
| Storage drives installed *           | ✗   | Management protocols                | SNMP V2, V3   |
| Total installed storage capacity *   | 0 TB                                      | Security algorithms                 | AES, FIPS 140, HTTPS, SSH   |
| Number of storage drives supported * | 8   | Access Control List (ACL)           | ✓   |
| Installed storage drive type *       | ✗   | Reset button                        | ✓   |
| Supported storage drive types *      | HDD & SSD                                 | On/off switch                       | ✓   |
| Disk roaming                         | ✓   | Built-in FTP server                 | ✓   |
| Processor                            |   | Browser supported                   | Apple Safari (latest version) Google Chrome (latest version) Microsoft Edge (latest version) Mozilla Firefox (latest version) |
| Processor manufacturer *             | Intel                                     | System log                          | ✓   |
| Processor family *                   | Intel Atom®                               | Hot spare                           | ✓   |
| Processor model *                    | C5125                                     | S.M.A.R.T. support                  | ✓   |
| Processor frequency *                | 2.8 GHz                                   | Share folder                        | CIFS/SMB  |
| Processor cores                      | 8   | USB copy function                   | ✓   |
| Processor threads                    | 8   | Software                            |   |
| Processor cache                      | 9 MB                                      | Operating system installed *        | QuTS hero   |
| Number of processors installed       | 1   | Operating system version            | h5.0.1  |
| ECC supported by processor           | ✓   | Windows operating systems supported | Windows 10, Windows 11, Windows 7, Windows 8  |
| Thermal Design Power (TDP)           | 50 W                                      | Linux operating systems supported   | CentOS 7.0, Ubuntu 14.04, Yes   |
| Memory                               |   | Mac operating systems supported     | Mac OS X 10.10 Yosemite, Yes  |
| Internal memory *                    | 8 GB                                      |                                     |   |
| Internal memory type                 | DDR4                                      |                                     |   |
| Maximum RAM supported                | 64 GB                                     |                                     |   |
| Memory slots                         | 2   |                                     |   |

|   |                         |                                    |   |
|---|-------------------------|------------------------------------|---|
| <b>Memory</b>                                   |                         | <b>Software</b>                    |   |
| Memory form factor                              | SO-DIMM                 | Server operating systems supported | Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 |
| Flash memory                                    | 5000 MB                 | Other operating systems supported  | IBM AIX 7.1, Solaris 10   |
| <b>Network</b>                                  |                         | <b>Power</b>                       |   |
| Ethernet LAN *                                  | ✓                       | Power supply location              | Built-in  |
| Ethernet LAN data rates                         | 10,100,1000,2500 Mbit/s | Power supply unit (PSU) capacity   | 250 W   |
| DHCP server                                     | ✓                       | Number of power supply units       | 1   |
| Jumbo frames support                            | ✓                       | Power consumption (typical)        | 79.113 W  |
| iSCSI support                                   | ✓                       | Power consumption (sleep)          | 49.799 W  |
| Wake-on-LAN ready                               | ✓                       | AC input voltage                   | 100 - 240 V   |
| Supported network protocols                     | IPv4, IPv6              | Fan voltage                        | 12 V  |
| Dynamic DNS (DDNS)                              | ✓                       | <b>Weight &amp; dimensions</b>     |   |
| <b>Ports &amp; interfaces</b>                   |                         | Width *                            | 432 mm  |
| USB port *                                      | ✓                       | Depth *                            | 297.4 mm  |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4                       | Height *                           | 88.6 mm   |
| Fiber optic connector                           | MTP                     | Weight                             | 7.61 kg   |
| Ethernet LAN (RJ-45) ports *                    | 2                       | <b>Packaging content</b>           |   |
| PCI Express x4 (Gen 3.x) slots                  | 2                       | Cables included                    | AC, LAN (RJ-45)   |
| <b>Design</b>                                   |                         | Power cables quantity              | 1   |
| Chassis type *                                  | Rack (2U)               | Quick installation guide           | ✓   |
| Cooling type *                                  | Active                  | Number of screws                   | 56  |
|   |                         | <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   |
|   |                         | <b>Other features</b>              |   |
|   |                         | Fibre Channel                      | ✓   |



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