

# Data Sheet

## FUJITSU Storage CELVIN® NAS QE707 Storage

Powerful 2-Drive NAS

The CELVIN® NAS QE707 satisfies the business need for centralized data management needs. Both partners and users can set up and administrate the state of the art CELVIN® NAS easily and at an affordable price. Saving data, managing and sharing files over multiple platforms has never been so simple or so easy.

### Business Server Feature

- 2 hot swappable drives
- Backup and replication center
- Multimedia features
- Multipurpose App center

### Reliability

- Service-friendly cabinet
- 3-years spare part supply
- Country-specific warranty
- Top-up services are available



# CELVIN® NAS QE707

## Technical specifications

	Firmware based on 4.2.6 Processor: Annapurna Labs Alpine AL-212, dual core with 1.7GHz Memory: 1GB DDR3DRAM, 512 MB Flash Memory FAN: 1 x quiet cooling fan 120mm, 12V DC USB3.0 x3 (frontx1, rear x2), Gigabit LAN x2 Swappable trays x2 Buzzer, LED indication lights for USB, HDD, LAN, System
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Hard disk capacity	Up to 2 x 3.5" or 2.5" SATA 3Gb/s or 6Gb/s HDD / SSD Up to 2x6TB raw capacity, consult HDD compatibility list
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System controls	Power, USB One-Touch-Copy, reset
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## Interfaces

LAN / Ethernet	Rear side: x2 Gigabit RJ-45 Ethernet port (always on)
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## Network

Networking	TCP/IP (IPv4 /IPv6 dual stack), multi IP setting,LACP, DHCP client, DHCP server including PXE boot CIFS/SMB(1.0,2.0,2.1,3.0selectable), AFP/Netatalk3.2, NFS v3, HTTP, HTTPS, FTP,SFTP(admin), DDNS, NTP, Telnet, SSH, iSCSI, SNMP,WebDAV,SMSC Gigabit w/ Jumbo Frame, Bonjour  iSCSI target (with multi-LUNs per target), Up to 256 LUNs/targets combined iSCSI LUN online expansion LUN mapping / LUN masking Online LUN capacity expansion SCSI Primary Commands -3 (SPC-3) support / persistent reservation Supports MPIO & MC/S iSCSI LUN Backup, One-time-Snapshot and Restore iSCSI initiator for virtual disks (max 8 disks); stack chaining master Virtual disk support for EXT3/ EXT4/ NTFS/ FAT32/ HFS+ iSCSI Connection and Management by Fujitsu Finder (Windows)  USB WiFi-Adapter support IEEE 802.11b/g/n/ac WEP, WPA-personal (AES/TKIP), WPA2-personal (AES) Connection to wireless network or Ad Hoc network
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Backup Management	Client backup software Time machine backup (OS X Lion support) 3rd party backup software support Encrypted block-level remote replication (instant, scheduled backup management); synchronization mode/Rsync Real-time remote replication (RTRR protocol) for real-time backup of server & client, 3 sync modes, filter, policy definition, SSL protected RTRR/Rsync work as server or client with bandwidth control Backup to Cloud Backup to (encryptable) USB/eSATA storage devices LUN backup and restore LUN point-in-time snapshot (1x)
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**Network**

<b>File System Management</b>	<p>Network share management (max. 512 shares)  Share folder level ACL support  Unicode support  Journaling file system</p> <p>File Station  Supports ISO Mounting (Up to 256 ISO Files)  Support thumbnail display of multimedia files  Support share download link and upload link  Drag-n-drop Files via Chrome and Firefox  Support mounting Cloud drive via FTP/SMB/CIFS</p> <p>Browsers  Photo, music, and video preview and playback  File Compression and decompression (ZIP and 7z)</p> <p>Qsync  Syncs files among multiple devices with SSL support  Selective synchronization for syncing specific folders only  Share team folder as a file center for team collaboration  Shares files by links via e-mail  Policy settings for conflicted files and file type filter support  Incremental synchronization for HDD space saving  Supports Windows &amp; Mac OS</p>
<b>Disk Management</b>	<p>Flexible Volume/LUN with thin provisioning and space reclaim  Volume types: RAID 0/1, JBOD, single  Supports storage pools  Online volume expansion &amp; storage pool expansion  Online RAID capacity expansion and online RAID level migration  SMART data migration  SSD read-only/read-write cache  Bad block scan, recovery, and hard drive S.M.A.R.T.  RAID recovery  Bitmap support</p> <p>ISO mounting support up to 256 ISO-files</p>
<b>User Management</b>	<p>User quota management  Windows Active Directory support, Domain Controller  LDAP directory service supports Open LDAP  User account management (max. 2048 users)  User group management (max. 256 groups)  Shared folders (max. 256)  Concurrent connections (max. 256)  Support batch creating users  User Import/ Export for Multiple CELVIN NAS Deployment  Subfolder Permission (File/Directory ACL)  Microsoft Networking (Samba) Host Access Control (Domain/IP)</p>
<b>VPN Server</b>	<p>Secure remote access: PPTP/OpenVPN VPN services  Max number of clients: 15</p>

**Network**

<b>System Tools</b>	E-mail alert (SMTP authentication); SMS alert notification HDD standby mode Disk usage alert Automatic power on after power loss System firmware upgrade Back-up, restore, reset system settings Smart fan setting Configurable management port Policy-based unauthorized IP blocking; import user list Secure remote login by SSH connection Remote login by Telnet connection USB, SNMP v3, UPS support Scheduled power on/off Import SSL certificate Network recycle bin Password strength checker
<b>Event Logs</b>	Complete system logs (file level): system events management, connection logs, current connection of on-line users Centralized monitoring / syslog server (TCP / UDP) Manually and advanced log filtering via wizzard
<b>Multilingual (Online) Support</b>	Chinese (Traditional & Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, Turkish
<b>FTP Server</b>	FTP remote access (max. 256 concurrent connections) FTP with SSL/ TLS (explicit) mode FTP bandwidth control and connection control Passive FTP port range control FXP and Unicode support TFTP server (PXE boot) SFTP
<b>Printer Server</b>	Max. 3 printers; Internet Printing Protocol; Apple Bonjour Printing; Print Job display and management IP/Domain based privilege control
<b>Web Server</b>	Built-in editable php.ini, SQLite and MySQL Web-based management via phpMyAdmin Max. 32 virtual hosts
<b>MySQL Server</b>	MySQL database server
<b>Security</b>	Network access protection with autoblocking (SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP) Policy based automatic IP blocking and IP filter Encrypted access (HTTPS, FTP with SSL/TLS(explicit),SSH/SFTP, RSync over SSH, CIFS host access control for shared folders ClamAV antivirus protection FIPS 140-2 validated AES 256-bit volume based data encryption Importable SSL certificates  VPN Client: Supported VPN protocols: PPTP & OpenVPN services PPTP Authentication: PAP, CHAP, MS-CHAP, MS-CHAPv2 PPTP Encryption: None, AES 40/128 bit, AES 256 bit OpenVPN Encryption: None, AES 40/128 bit, AES 256 bit Transmission package monitor OpenVPN port control OpenVPN link compression VPN Server: Secure remote access: PPTP/L2TP/IPsec & OpenVPN VPN services Max number of clients: 30   Radius Server Instant alert via E-mail, SMS, Instant Messaging, LCD

**Network****Multimedia****DLNA Server**

Supports DLNA/UPnP TVs and Players such as PlayStation 3 and Xbox 360  
 Supported audio format: AIFF, APE, DSD (DSF, DFF), FLAC, M4A, M4A Apple Lossless (ALAC), MP3, Ogg Vorbis, WAV (PCM, LPCM), WMA, WMA PRO, WMA VBR  
 \*DRM encryption format is not supported.  
 Support CUE indexing file for APE, FLAC audio format.  
 Video and Audio On-the-fly Transcoding

**Video Station**

Show photos in thumbnails, list, timeline, or folder view  
 Tags videos with text, color, and rating  
 Animated thumbnails for videos  
 Shares video collection link to social websites or through email  
 Display movie information from IMDB

**Transcode Management**

Offline video transcoding: 240p, 360p, 480p, 720p and 1080p resolution  
 Automatic video transcoding for watched folders

**Music Station**

Plays or Shares Music Collections with Web Browser  
 Automatic Classification via Media Library  
 Supported audio format: AIFF, APE, FLAC, M4A, M4A Apple Lossless (ALAC), MP3, Ogg Vorbis, WAV (PCM, LPCM), WMA, WMA PRO, WMA VBR  
 \* DRM encryption format is not supported.  
 Internet Radio (MP3)  
 Up to 8 Music Alarms

**Photo Station**

Show photos in thumbnails, list, timeline, or folder view  
 Supports virtual/smart album  
 Tags photos with text, color, and rating  
 Slideshows with background music and different transition effects  
 Animated thumbnails for videos  
 Geotags photos and display them on Google maps  
 Shares slideshows link to social websites or through email

**iTunes Server**

Audio and Video Sharing for Windows & Mac iTunes

**AirPlay**

Streams videos, photos and music from NAS to Apple TV via Qfile

**Application center**

Diverse applications downloadable via App center  
 Fujitsu NAS Explorer, Fujitsu NAS Manager for Android / iOS

**Download Station**

PC-less BT, FTP/FTPS, and HTTP/HTTPS download (up to 500 Tasks)  
 BT download with Magnet Link and PT support  
 Scheduled download and bandwidth control  
 RSS subscription and download (broadcatching)  
 Bulk download with wildcard settings  
 BT search  
 Proxy support for BT download  
 PC utility: Qget for downloads browsing and management

**System requirements****Browser Support**

Internet Explorer 10+ / Mozilla Firefox 8, 9, 10 / Apple Safari 4, 5 / Google Chrome / Edge

Device Classification	Information according to ErP Regulation (EC) No. 1275/2008 – Standby/networked standby requirements:  All CELVIN® NAS Servers have a so called “EUP-mode” implemented. With activated “EuP-mode” the device has a maximum power consumption of 0.5 W in standby mode by limited functionality. (Details are described in the operating manual) The intended use of these type of networked infrastructure device is providing always available data access while operating (i.e. “always on”). The requirement of networked standby mode function as described in Regulation (EC) No. 1275/2008 Annex II, 3(b) (“Power management for networked equipment”) would be inappropriate for this intended use of the equipment. It could only be achieved by turning off vital components of the equipment that are essential for the maintenance of the intended use.		
Power consumption	Off-mode (WoL-mode): 0.44W   HDD-Sleep mode: 8.46W   HDD R/W-mode: 15.6 W   Idle mode: 12W   (2x WD10EFRX-HDD)		
Power supply input	External power supply 100 - 240V		
Power supply output	12V; 65W		
Humidity (operating)	5 - 95 % (relative humidity), wet bulb 27° C		
Compliance			
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>		
Dimensions / Weight / Environmental			
Dimensions (W x D x H)	102 x 219 x 169 mm		
Weight	1.28 kg		
Operating ambient temperature	0 - 40 °C		
Operating relative humidity	5 - 95 % (relative humidity), wet bulb 27° C		
Acoustic noise level	Sound Pressure Level (LpAm) bystander position 1m (front) in dB(A): idle: 16.6   operating medium speed(1200) 25.6; HDD sleep: 11.7		
Package content			
	CELVIN NAS Server QE707; Power Cord, LAN cable, trays, Quick Start Guide, Service flyer		
Order code			
	S26341-F108-L707	EAN: 4059595404355	w/o HDD EU
	S26341-F108-L722	EAN: 4059595404379	2x2 TB NAS HDD EU
	S26341-F108-L723	EAN: 4059595404386	2x3 TB NAS HDD EU
	S26341-F108-L724	EAN: 4059595404393	2x4 TB NAS HDD EU
	S26341-F108-L726	EAN: 4059595404409	2x6 TB NAS HDD EU
	S26341-F108-L730	EAN: 4059595404454	w/o HDD INT
	S26341-F108-L732	EAN: 4059595404423	2x2 TB NAS HDD INT
	S26341-F108-L734	EAN: 4059595404430	2x4 TB NAS HDD INT
	S26341-F108-L736	EAN: 4059595404447	2x6 TB NAS HDD INT
Warranty			
Warranty period	2 years		
Warranty Terms & Conditions	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>		
Recommended Service	2/3 years, 9x5, Onsite Response Time: Next Business Day or Second Business Day		
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>		

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Storage CELVIN® NAS QE707, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about FUJITSU Storage CELVIN® NAS QE707, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/accessories](http://www.fujitsu.com/fts/accessories)

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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