

# Data Sheet

## FUJITSU Storage CELVIN® NAS QE705 Storage

Powerful 2-Drive NAS

The CELVIN® NAS QE705 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 QE705

## Technical specifications

	<p>Firmware based on 4.1.4          Processor: Freescale™ ARM®v7 Cortex®-A9 dual-core 1.2GHz          Memory: 512MB DRAM, 512 MB Flash Memory          FAN: 1 x quiet cooling fan 70mm, 12V DC          eSATA x1, USB3.0 x3, Gigabit LAN x2          Swappable trays x2</p>
<b>Hard disk capacity</b>	<p>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</p>
<b>System controls</b>	Power, USB One-Touch-Copy, reset

## Interfaces

<b>USB 3.1 Gen1 (USB 3.0) total</b>	Front: x1, Rear: x2
<b>LAN / Ethernet</b>	Rear side: x2 Gigabit RJ-45 Ethernet port (always on)

## Software specification

<b>Networking</b>	<p>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 selectable), AFP/Netatalk3.2, NFS v3, HTTP, HTTPS, FTP,SFTP(admin),          DDNS, NTP, Telnet, SSH, iSCSI, SNMP, WebDAV, S/MSC          Gigabit w/ Jumbo Frame,          Bonjour</p> <p>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          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)</p> <p>VLAN 802.1Q          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</p>
<b>Backup Management</b>	<p>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 &amp; 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)</p>

## Software specification

<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 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>Disk usage status management; HDD S.M.A.R.T.; Bad blocks scan  RAID 0, 1, single disk, JBOD  Built-in iSCSI target service, Virtual disks (iSCSI initiator)  Online RAID management: expand capacity, migrate Raid-level, bitmap  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. 2048users)  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>OpenVPN up to 256bit SSL/TLS, PPTP up to 128bit encryption</p>
<b>System Tools</b>	<p>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</p>
<b>Event Logs</b>	<p>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 wizard</p>
<b>Multilingual (Online) Support</b>	<p>Chinese (Traditional &amp; Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, Turkish</p>

---

**Software specification**

<b>FTP Server</b>	<ul style="list-style-type: none"> <li>FTP remote access (max. 256 concurrent connections)</li> <li>FTP with SSL/ TLS (explicit) mode</li> <li>FTP bandwidth control and connection control</li> <li>Passive FTP port range control</li> <li>FXP and Unicode support</li> <li>TFTP server (PXE boot)</li> <li>SFTP</li> </ul>
<b>Printer Server</b>	<ul style="list-style-type: none"> <li>Max. 3 printers; Internet Printing Protocol; Apple Bonjour Printing;</li> <li>Print Job display and management</li> <li>IP/Domain based privilege control</li> </ul>
<b>Web Server</b>	<ul style="list-style-type: none"> <li>Built-in editable php.ini, SQLite and MySQL</li> <li>Web-based management via phpMyAdmin</li> <li>Max. 32 virtual hosts</li> </ul>
<b>MySQL Server</b>	MySQL database server
<b>Security</b>	<ul style="list-style-type: none"> <li>Network access protection with autoblocking (SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP)</li> <li>Policy based automatic IP blocking and IP filter</li> <li>Encrypted access (HTTPS, FTP with SSL/TLS(explicit),SSH/SFTP, RSync over SSH,</li> <li>CIFS host access control for shared folders</li> <li>ClamAV antivirus protection</li> <li>FIPS 140-2 validated AES 256-bit volume based data encryption</li> <li>Importable SSL certificates</li> <li>OpenVPN up to 256bit SSL/TLS, PPTP up to 128bit encryption; each 15 clients max.</li> <li>Radius Server</li> <li>Instant alert via E-mail, SMS, Instant Messaging, LCD</li> </ul>
<b>Surveillance Station</b>	<ul style="list-style-type: none"> <li>Includes 2 free camera licenses, up to 8 camera channels via additional license purchase</li> <li>Instant playback to check the recent event</li> <li>Visual aid by e-map</li> <li>Playback and speed control by shuttle bar</li> <li>Video preview on playback timeline</li> <li>Intelligent video analytics (IVA) for advanced video search</li> </ul>

---

**Software specification**


---

**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

---

**Browser Support**

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

---

**Electrical values**

<b>Device Classification</b>	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.
<b>Power consumption</b>	Off-mode (EuP-mode): 0.3W HDD-Sleep mode: 9,8W HDD R/W-mode: 20,6 W
<b>Power supply input</b>	External power supply 100 - 240V
<b>Power supply output</b>	12V; 60W
<b>Humidity (operating)</b>	5 - 95 % (relative humidity), wet bulb 27° C

**Compliance**

<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
------------------------	---

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	102 x 225 x 168.5 mm
<b>Weight</b>	1.28 kg
<b>Operating ambient temperature</b>	0 - 40 °C
<b>Operating relative humidity</b>	5 - 95 % (relative humidity), wet bulb 27° C

**Package content**

CELVIN NAS Server QE705; Power Cord, LAN cable, trays, Quick Start Guide, Service flyer

**Order information**

S26341-F106-L705	EAN: 4057185549271	w/o HDD EU
S26341-F106-L712	EAN: 4057185549318	2x2 TB NAS HDD EU
S26341-F106-L713	EAN: 4057185549356	2x3 TB NAS HDD EU
S26341-F106-L714	EAN: 4057185549394	2x4 TB NAS HDD EU
S26341-F106-L722	EAN: 4057185549431	2x2 TB NAS HDD INT
S26341-F106-L724	EAN: 4057185549479	2x4 TB NAS HDD INT
VFY:QE705XX020E1	EAN: 4057185578387	2x2TB NAS HDD EU
VFY:QE705XX030E1	EAN: 4057185578394	2x3TB NAS HDD EU
VFY:QE705XX040E1	EAN: 4057185578332	2x4TB NAS HDD EU

**Warranty**

<b>Warranty period</b>	2 years
<b>Warranty type</b>	Bring-In / Send-In Service
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Recommended Service</b>	- 2/3 years, 9x5, Onsite Response Time: Next Business Day or Second Business Day
<b>Service Weblink</b>	<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 QE705, 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 QE705, 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>



## Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>  
Copyright 2018 Fujitsu Technology Solutions GmbH

## Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.