FUJITSU

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
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 compatibiity list
System controls	Power, USB One-Touch-Copy, reset

Interfaces

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

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

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)

Network

File System Management	Network share management '(max. 512 shares)
	Share folder level ACL support
	Unicode support
	Journaling file system
	
	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
	
	Browsers
	    Photo, music, and video preview and playback
	    File Compression and decompression (ZIP and 7z)
	
	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 & Mac OS

Disk Management	Flexible Volume/LUN with thin provisioning and space reclaim Volume types: RAID 0/1, JBOD,single Supports storage pools Online volume expansion & 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 ISO mounting support up to 256 ISO-files
User Management	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)
VPN Server	Secure remote access: PPTP/OpenVPN VPN services Max number of clients: 15

Network

System Tools	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
Event Logs	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
Multilingual (Online) Support	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
FTP Server	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
Printer Server	Max. 3 printers; Internet Printing Protocol; Apple Bonjour Printing;
	Print Job display and management
	IP/Domain based privilge control
Web Server	Built-in editable php.ini, SQLite and MySQL
	Web-based management via phpMyAdmin
	Max. 32 virtual hosts
MySQL Server	MySQL database server
Security	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	https://sp.ts.fujitsu.com/sites/certificates

Dimensions / Weight / Environmental

Dimensions (W x D x H)	102 x 219 x 169 mm
Weight	1.28 kg
Operating ambient temperature	0 - 40 ℃
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	http://support.ts.fujitsu.com/warranty
Recommended Service	2/3 years, 9x5, Onsite Response Time: Next Business Day or Second Business Day
Service Weblink	http://www.fujitsu.com/fts/services/support

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/

Software
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

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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