FUJITSU

Data Sheet
Fujitsu CELVIN® NAS Server Q800 Storage

Powerful 4-Drive NAS Solution

The FUJITSU CELVIN® NAS Server line is an all-in-one, high performance NAS server line. The CELVIN® NAS Server Q800 is the ideal solution for file sharing, end to end backup options and SAN (Storage Area Network) integration for SMB customers - enabling centralized data management at a reasonable price.

Business Server Feature
- Flexible usage, access and integration of the device and capacity
- Windows active directory support for centralized account information in complex organizations
- iSCSI target and initiator for simple and platform independent IP-capacity provision
- Multiple options for file management, remote access and database usage
- Outstanding file sharing possibility

Backup Management
- Complete end to end backup concept
- Powerful PC backup software and Apple Time Machine support
- Encrypted remote replication
- Quick- touch USB copy for different destination folders
- Backup to external storage device or cloud storage

Multimedia Features
- Streaming of media files via iTunes, Twonky Media
- Comprehensive download features with BitTorrent Clienet

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

Business Server Feature
- Flexible usage, access and integration of the device and capacity due to:
- Windows active directory support for centralized account information in complex organizations
- iSCSI target and initiator for simple and platform independent IP-capacity provision
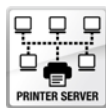- Multiple options for file management, remote access and database usage

Multimedia Features
- Extensive and set-up transfer or streaming of media files in a network but also excellent download features via:
- iTunes Server
- Twonky Media Server
- BitTorrent Client

Backup Management

- Complete backup and availability concept for clients and CELVIN® NAS Server itself due to:
- Powerful PC-client backup software with multiple backup modes: instant / schedule / auto-sync
- Encrypted remote replication; in order to save the CELVIN® NAS Server data at a different location
- One- touch USB copy for different destination folders
- Backup to external storage device or cloud storage

ETHERNET

PRINTER SERVER

SATA 3.5" HDD

DUAL HDD / RAID

SURVEILLANCE STATION

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CELVIN® NAS Server Q800

Technical specifications

	Firmware based on 3.4.x
	Processor: Intel® Atom™ D525
	Memory: 1 GB DDRIII RAM
	3 GB DDRIII RAM in combination with BC HDD
	512 MB Flash on DOM
	FAN: 1 x quiet cooling fan (9cm)
Hard disk capacity	Up to 4 x 2.5-inch or 3.5-inch SATA I/II HDD
Hard disk type	SATA
Required interface	USB 2.0 / eSATA / Ethernet
LED	USB
	Status
	HDD 1 -4
	LAN
	Power
System controls	Power button, One-touch copy button, Alarm Buzzer (System Warning), Reset Button, Display mode button
Color	Black

Software specification

Networking	TCP/IP (IPv4 /IPv6 dual stack), multi IP setting,LACP,
	Port trunking /NIC teaming:
	    Balance-rr (Round-Robin), Active Backup, Balance XOR, Broadcast, IEEE 802.3ad,
	    Balance-tlb (Adaptive, Transmit Load Balancing), Balance-alb (Adaptive Load Balancing)
	DHCP client, DHCP server,
	CIFS/SMB, AFP, NFS v3, HTTP, HTTPS, FTP,SFTP(admin), DDNS, NTP, Telnet, SSH, iSCSI, SNMP,WebDAV
	Dual Gigabit w/ Jumbo Frame, Bonjour
	iSCSI initiator for virtual disks (max 8 disks); stack chaining master
	    Virtual disk support for EXT3/ EXT4/ NTFS/ FAT32/ HFS+
	Support for VMware VSphere (ESX / ESXi 4.0 and above) via NFS and iSCSI
	Windows Server 2008 support (Hyper-V & failover clustering)
	iSCSI target (with multi-LUNs per target)
	iSCSI LUN online expansion
	LUN mapping / LUN masking
	SCSI Primary Commands -3 (SPC-3) support / persistent reservation
	MC/S (multiple TCP connections / session) support to reach iSCSI target
	MPIO (multipath input output) for load balancing and failover
	
	VLAN 802.1Q
	
	USB WiFi-Adapter support IEEE 802.11b/g/n
	    WEP, WPA-personal (AES/TKIP), WPA2-personal (AES)
	    Connection to wireless network or Ad Hoc network

File System Management	Network share management '(max. 512 shares) Share folder level ACL support Unicode support Journaling file system Web File Manager Google Docs support (pdf,tif/tiff,ppt,doc,xls,pptx,docx,xlsx,svg,odt)
Disk Management	Disk usage status management; HDD S.M.A.R.T.; Bad blocks scan RAID 0/1/5/5+HS/10/6, JBOD, single disk Online RAID capacity expansion; online RAID-level migration RAID recovery, Bitmap support
User Management	User quota management Windows Active Directory support, max. 10k users User account management (max. 4096users) User group management (max. 512 groups) Shared folders (max. 512) 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)

Software specification

System Tools	E-mail alert (SMTP authentication); SMS alert notification
	Disk usage alert
	HDD standby mode
	Automatic power on after power loss
	Schedule power on/ off
	System firmware upgrade
	Wake-on-LAN
	Smart fan setting
	Back up, restore, reset system settings
	Configurable management port
	Policy-based unauthorized IP blocking
	Secure remote login by SSH connection
	Import SSL certificate
	Remote login by Telnet connection
	USB, SNMP UPS support
	Network recycle bin
Event Logs	Complete system logs (file level): system events management, connection logs, current connection of on-line users
Multilingual (Online) Support	English, German, further manual languages on request
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 support
Printer Server	USB printer network sharing (Windows / Mac)
	Internet printing protocol, printer management, Apple Bonjour printing
Remote Replication	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
Web Server	Built-in editable php.ini, SQLite and MySQL
MySQL Server	MySQL database server
Surveillance Station	4 x IP cameras for network surveillance
	IP camera finder software and configuration
Media Server	UPnP/DLNA
	Twonky Media
	iTunes server
	DLNA support for Xbox360 and PS3
	Multimedia station features
Download Station	BitTorrent (FTP/ HTTP scheduled download)
	Support of TCP/ UDP tracker protocol, distributed hash table/DHT
	Up to 500 BT download tasks
	Download configuration / download status list
	RSS download manager, subscription to RSS feeds, RSS download
	Multiple URLs in one task

Interfaces

USB	Rear side: 4x USB2.0 (Device class: Printer, mass storage, hub, UPS, pen-drive)
eSATA	2 x (rear / SATA)

Supported formats

Video formats	(Media Server): wmv, asf, vdr, avi, xvid, divx, flv, mpg, mpe, mts, m2ts, m2t, mpeg, spts, m2p, m2v, mp2t, mp2p, mpg2, dvr-ms
Subtitle formats	(Media Server): m3u, m3u8, wpl, pls
Music formats	(Media Server): mp3, mp4, m4a, m4b, 3gp, apl, ac3, m1v, m4v, mov, aac, amr, awb, wav, pcm, lpcm, mp1, mp2, aif, aiff, aifc, snd, wma, ogg, flac; Internet Radio (Media Server): vTuner, Shoutcast
Picture formats	Media Server): jpg, jpe, jpeg, tiff, tif, gif, png, bmp

Supported formats

Supported file system	EXT4 (internal/external HDD)
	NTFS (external HDD)
	FAT32 (external HDD)
	EXT3 (internal/external HDD)
	HFS+ (externel HDD)

Electrical values

Power consumption	EUP mode: 0,46W WoL mode: 1,89W Sleep mode: 21W Idle: 27W Operation mode: 37 W
Power supply input	Internal power supply 250W 50-60Hz Input: 100-240V AC

Compliance

Europe	CE
USA/Canada	FCC Class A
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Dimensions / Weight / Environmental

Dimensions (W x D x H)	180 x 235 x 177 mm
Weight	Net weight: 3.65 kg, Gross weight: 4.65 kg; Package incl. System w/o HDD: 5,75 kg
Operating ambient temperature	0 - 40C
Required interface	USB 2.0 / eSATA / Ethernet
Software support (Operating system)	Genuine Windows® XP
	Genuine Windows® Server 2003
	Genuine Windows Vista®
	Genuine Windows® 7
	Mac OS X
	Linux
	UNIX

Package content

CELVIN NAS Server Q800; Power Cord, CD, LAN cable, Key for tray lock, trays, Quick Start Guide, Service flyer

Order information

S26341-F103-L800	EAN: 4049699380747	station without hard disks
S26341-F103-L801	EAN: 4049699478161	station without hard disks (UK/CH power plug)
S26341-F103-L820	EAN: 4049699380754	2 x 1TB
S26341-F103-L822	EAN: 4049699380785	2 x 2TB
S26341-F103-L840	EAN: 4049699380761	4 x 1TB
S26341-F103-L842	EAN: 4049699380792	4 x 2 TB
S26341-F103-L843	EAN: 4049699478130	4 x 2 TB (UK/CH power plug)
S26341-F103-L845	EAN: 4049699478062	4 x 1 TB (UK/CH power plug)

More information

Fujitsu platform solutions

In addition to Fujitsu CELVIN® NAS Server Q800, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu CELVIN® NAS Server Q800, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/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 resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/