



Сетевое хранилище Fujitsu CELVIN NAS QR802 w/o disks

S26341-F103-L890

Описание

В состав входит: система хранения данных NAS CELVIN QR802 (2 блока питания), салазки для жестких дисков (без дисков).

Надежность, производительность и функционал больших систем на low-cost уровне.

Получить техническую консультацию, составить полную и правильную спецификацию и определить стоимость оборудования Вы можете пообщавшись с менеджером. Звоните! Мы с удовольствием ответим на все вопросы! Возможны гибкие условия рассрочки и факторинга!

NAS-сервер Fujitsu CELVIN® QR802 – это идеальное решение для малых систем видеонаблюдения, совместного доступа к файлам, резервного копирования и интеграции сети хранения данных для централизованного управления данными по умеренной цене для предприятий малого и среднего бизнеса. Он имеет два источника питания для более надежной работы с возможностью хранения до 16 ТБ данных и разработан для монтажа в стойку рядом с другим сетевым оборудованием компании.

[Celvin NAS серия на сайте Fujitsu](#)

Обзор решения

(http://data.nag.ru/Fujitsu/Documentation/%ce%e1%e7%ee%f0%20%f0%e5%f8%e5%ed%e8%ff_NAS%20QR802.pdf)

QR802 datasheet

(<http://data.nag.ru/Fujitsu/Datasheet/QR802%20datasheet.pdf>)

Перечень совместимых устройств

(http://data.nag.ru/Fujitsu/Documentation/%cf%e5%f0%e5%f7%e5%ed%fc%20%f1%ee%e2%ec%e5%f1%f2%e8%ec%fb%f5%20%f3%f1%f2%f0%ee%e9%f1%f2%e2_NAS%20QR802.pdf)

Основные особенности:

Hot-swap диски

Поддержка интерфейса SATAI/II/III

RAID 0/1/5/5+HS/10/6, JBOD, single disk

Емкость до 16ТБ

Поддержка VMWare®/Citrix®/HyperV™

iSCSI storage for cluster virtualization

Encrypted remote replication for archiving



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Поддержка LAG (NIC teaming)
Поддержка USB WiFi адаптера
Зарезервированный блок питания
Различные механизмы резервирования данных с серверов и виртуальных машин
Резервирование данных в облако или на внешний носитель
Поддержка стороннего ПО
Полноценный Web-сервер (PHP, MySQL, SQLite, phpMyAdmin, редактируемый php.ini)
FTP-сервер
VPN-сервер (OpenVPN)
Встроенный антивирус
Списки доступа
Авторизация (PLAIN, Windows AD, LDAP, 802.1x, Radius)
Защищенный доступ (HTTPS, FTP with SSL/TLS(explicit),SSH/SFTP, RSync over SSH)
Видеорегистратор (до 42 каналов, автопоиск IP-камер и конфигурация)
Медиа-сервер (iTunes, UPnP, Twonky)
Torrent клиент (до 500 одновременных закачек, RSS, DHT, расписание)

Общие

Количество контроллеров управления	1
Протокол подключения	SAS
Скорость подключения, Gb/s	6
Исполнение корпуса СХД	1U
Форм-фактор отсеков под жесткие диски	LFF 3,5"
Количество отсеков под жесткие диски	4

Доп. описание

Технические характеристики:

Technical specifications	Firmware based on 3.7.4 Processor: Intel® Atom™ D270x 2,1GHz Memory: 1 GB DDRIII RAM 512 MB Flash on DOM FAN:2 x quiet cooling fan (4cm) Intel® 82574L NIC x2 Gigabit LAN Formfactor: 1U rackmount
Hard disk capacity	Up to 4 x 2.5-inch or 3.5-inch SATA I/II/SATA 6Gb/s HDD or SSD up to 12TB raw capacity, consult HDD compatibility list



	HDD drives hot swappable
Hard disk notes	24 x 7 NAS Edition Drives
Networking	<p>TCP/IP (IPv4 /IPv6 dual stack), multi IP setting,LACP,</p> <p>Port trunking /NIC teaming:</p> <p>Balance-rr (Round-Robin), Active Backup, Balance XOR, Broadcast, IEEE 802.3ad,</p> <p>Balance-tlb (Adaptive, Transmit Load Balancing), Balance-alb (Adaptive Load Balancing)</p> <p>DHCP client, DHCP server including PXE boot</p> <p>CIFS/SMB, AFP/Netatalk3.2, NFS v3, HTTP, HTTPS, FTP,SFTP(admin), DDNS, NTP, Telnet, SSH, iSCSI, SNMP,WebDAV,SMSC</p> <p>Dual Gigabit w/ Jumbo Frame, Bonjour</p> <p>iSCSI initiator for virtual disks (max 8 disks); stack chaining master</p> <p>Virtual disk support for EXT3/ EXT4/ NTFS/ FAT32/ HFS+</p> <p>Support for VMware VSphere 4 and 5 via NFS and iSCSI</p> <p>Windows Server 2008 support (Hyper-V & failover clustering)</p> <p>Citrix XenServer (6.0)</p> <p>iSCSI target (with multi-LUNs per target)</p> <p>iSCSI LUN online expansion</p> <p>LUN mapping / LUN masking</p> <p>Up to 256 LUNs</p> <p>SCSI Primary Commands -3 (SPC-3) support / persistent reservation</p>



	<p>MC/S (multiple TCP connections / session) support to reach iSCSI target</p> <p>MPIO (multipath input output) for load balancing and failover</p> <p>VLAN 802.1Q</p> <p>USB WiFi-Adapter support IEEE 802.11b/g/n</p> <p>WEP, WPA-personal (AES/TKIP), WPA2-personal (AES)</p> <p>Connection to wireless network or Ad Hoc network</p>
Backup Management	<p>Client backup software</p> <p>Time machine backup (OS X Lion support)</p> <p>3rd party backup software support</p> <p>Encrypted block-level remote replication (instant, scheduled backup management); synchronization mode/Rsync</p> <p>Real-time remote replication (RTRR protocol) for real-time backup of server & client, 3 sync modes, filter, policy definition, SSL protected</p> <p>Backup to Cloud</p> <p>Backup to (encryptable) USB/eSATA storage devices</p> <p>LUN backup and restore</p> <p>LUN point-in-time snapshot (1x)</p>
File System Management	<p>Network share management '(max. 512 shares)</p> <p>Share folder level ACL support</p> <p>Unicode support</p>



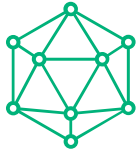
	<p>Journaling file system</p> <p>Web File Manager</p> <p>File management by Web-browser</p> <p>File and folder search</p> <p>Direct file viewing via Google Docs support (pdf,tif/tiff,ppt,doc,xls,pptx,docx,xlsx,svg,odt)</p> <p>Create and send download links for public file sharing (time expiration, password protected)</p>
Disk Management	<p>Disk usage status management; HDD S.M.A.R.T.; Bad blocks scan</p> <p>RAID 0/1/5/5+HS/10/6, JBOD, single disk</p> <p>Online RAID capacity expansion; online RAID-level migration</p> <p>RAID recovery, Bitmap support</p> <p>ISO mounting (max 256) via Web File Manager</p>
User Management	<p>User quota management</p> <p>Windows Active Directory support, max. 10k users</p> <p>LDAP directory service supports Open LDAP, max. 10k domain users</p> <p>User account management (max. 4096users)</p> <p>User group management (max. 512 groups)</p> <p>Shared folders (max. 512)</p> <p>Concurrent connections (max. 256)</p> <p>Support batch creating users</p> <p>User Import/ Export for Multiple CELVIN NAS Deployment</p>



	<p>Subfolder Permission (File/Directory ACL)</p> <p>Microsoft Networking (Samba) Host Access Control (Domain/IP)</p>
Radius Server	<p>Support for 802.1x security authentication: PAP , EAP-TLS/PAP, EAP-TTLS/PAP (WPA-Enterprise, WPA2-Enterprise)</p> <p>max. 10 RADIUS clients, max. 4096 users</p> <p>VPN Server OpenVPN up to 256bit SSL/TLS, PPTP up to 128bit encryption</p>
System Tools	<p>E-mail alert (SMTP authentication); SMS alert notification</p> <p>Disk usage alert</p> <p>HDD standby mode</p> <p>Automatic power on after power loss</p> <p>Schedule power on/ off (15 settings max)</p> <p>System firmware upgrade</p> <p>Wake-on-LAN</p> <p>Smart fan setting</p> <p>Back up, restore, reset system settings</p> <p>Configurable management port</p> <p>Remote login by Telnet connection</p> <p>USB, SNMP(v2, v3) UPS support</p> <p>Network recycle bin</p>
Event Logs	<p>Complete system logs (file level): system events management, connection logs, current connection of on-line users</p>



	<p>Centralized monitoring / syslog server (TCP / UDP)</p> <p>Manually and advanced log filtering via wizzard</p>
Multilingual (Online) Support	<p>Primary languages: English, German, Czech, Danish, Spanish, French, Italian, Norwegian, Polish, Russian, Finnish, Swedish, Dutch, Turkish, further languages available via GUI</p>
FTP Server	<p>FTP remote access (max. 256 concurrent connections)</p> <p>FTP with SSL/ TLS (explicit) mode</p> <p>FTP bandwidth control and connection control</p> <p>Passive FTP port range control</p> <p>FXP support</p> <p>TFTP server (PXE boot)</p> <p>SFTP (admin only)</p>
Printer Server	<p>USB printer network sharing (Windows / Mac)</p> <p>Internet printing protocol, printer management, Apple Bonjour printing</p>
Web Server	<p>Built-in editable php.ini, SQLite and MySQL</p> <p>Web-based management via phpMyAdmin</p> <p>Max. 32 virtual hosts</p> <p>Browser support:</p> <p>Internet Explorer 7+</p> <p>Firefox 3+</p> <p>Safari 3+</p> <p>Google Chrome</p>



MySQL Server	MySQL database server
Security	<p>Network access protection with autoblocking (SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP)</p> <p>Policy based automatic IP blocking and IP filter</p> <p>Encrypted access (HTTPS, FTP with SSL/TLS(explicit),SSH/SFTP, RSync over SSH,</p> <p>CIFS host access control for shared folders</p> <p>ClamAV antivirus protection</p> <p>FIPS 140-2 validated AES 256-bit volume based data encryption</p> <p>Importable SSL certificates</p> <p>OpenVPN up to 256bit SSL/TLS, PPTP up to 128bit encryption</p> <p>Radius Server</p> <p>Instant alert via E-mail, SMS, Instant Messaging, LCD</p>
Surveillance Station	<p>1 channel free, up to 12 channels possible (fee-based)</p> <p>IP camera finder software and configuration</p>
Media Server	<p>UPnP Media Server</p> <p>Twonky Media</p> <p>iTunes server</p> <p>Supports UPnP Media player</p> <p>Game consoles Xbox360, PS3, PSP</p> <p>DMP/DMA</p> <p>Multimedia station features</p>



	Realtime & background photo transcoding
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 2.0 total	Front side: x1; rear side: x4
USB 3.0 total	Rear side: x2
eSATA	2 x (rear / SATA)
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 file system	EXT4 (internal/external HDD) EXT3 (internal/external HDD) NTFS (external HDD)



	NFS (external HDD) FAT32 (external HDD) HFS+ (external HDD)
Power consumption	ErP mode: 7,9W WoL mode: 9,6 W Sleep mode: 37W Operation mode:52 W all with two active power supplies installed
Power supply input	Internal swappable power supply module 2x250W 50-60Hz Input: 100-240V AC
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/
Dimensions (WxDxH)	439 x 499 x 44 mm
Weight	Net weight: 7.6 kg, Gross weight: 9.6 kg
Operating ambient temperature	0 - 40 °C
Software support (Operating system)	Windows® XP Microsoft® Windows ® 7 (32 bit and 64 bit) Windows Vista® Mac OS X Linux UNIX Windows® Server 2008 R2 Windows® Server 2003
Package content	CELVIN NAS Server QR802 2x Power Cord EU Plug CD



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2x LAN cable

2x Key for tray lock

4x Trays

2x rail mounting kit

Quick Start Guide

Service flyer

Возможны следующие варианты комплектаций:

- S26341-F103-L211 Single Tray with 1 TB NAS Hard Disk Drive
- S26341-F103-L212 Single Tray with 2 TB NAS Hard Disk Drive
- S26341-F103-L213 Single Tray with 3 TB NAS Hard Disk Drive
- S26341-F103-L890 w/o Hard Disk Drive, 4 trays included
- S26341-F103-L891 4 x 1 TB NAS Hard Disk Drives
- S26341-F103-L892 4 x 2 TB NAS Hard Disk Drives
- S26341-F103-L893 4 x 2 TB Business Critical Hard Disk Drives, on request only
- S26341-F103-L894 4 x 3 TB NAS Hard Disk Drives
- S26341-F103-L895 4 x 3 TB Business Critical Hard Disk Drives, on request only
- VFY:QR802XX000E1 w/o Hard Disk Drive, 4 trays included EU