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Сетевое хранилище Fujitsu CELVIN NAS Q902 w/o disks

S26341-F103-L980

Описание

В состав входит: система хранения данных NAS CELVIN Q902, салазки для жестких дисков (без дисков).

Впервые Enterprise уровень надежности и производительности на low-cost уровне, для малых, средних компаний и домашнего использования.

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® Q902 – 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 24 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)

Q902 datasheet

(<http://data.nag.ru/Fujitsu/Datasheet/Q902%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 24ТБ

Поддержка VMWare®/Citrix®/HyperV™

iSCSI storage for cluster virtualization

Encrypted remote replication for archiving

Поддержка LAG (NIC teaming)

Поддержка USB WiFi адаптера



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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)

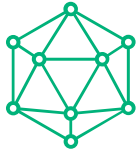
Общие

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

Доп. описание

Технические характеристики:

Technical specifications	Firmware based on 3.7.3 Processor: Intel® Atom™ D270x 2,1GHz Memory: 2x1 GB DDRIII RAM 512 MB Flash on DOM FAN:1x quiet cooling fan (9cm) Intel® 82574L NIC x2 Gigabit LAN Formfactor: Tower
Hard disk capacity	Up to 6 x 2.5-inch or 3.5-inch SATA I/II/SATA 6Gb/s HDD or SSD up to 24TB raw capacity, consult HDD compatibility list HDD drives hot swappable



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>
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	<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>

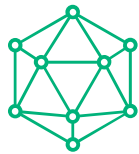


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	<p>Direct file viewing via Google Docs support (pdf,tif/tiff,ppt,doc,xls,pptx,docx,xlsx,svg,odt)</p> <p>Create and send download links for public file sharing (time expiration, password protected)</p>
Disk Management	<p>Disk usage status management; 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-</p>



	Enterprise) max. 10 RADIUS clients, max. 4096 users
VPN Server	OpenVPN up to 256bit SSL/TLS, PPTP up to 128bit encryption
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 (15 settings max) System firmware upgrade Wake-on-LAN Smart fan setting Back up, restore, reset system settings Configurable management port Remote login by Telnet connection USB, SNMP(v2, v3) UPS support Network recycle bin
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	Primary languages: English, German, Czech, Danish, Spanish, French, Italian, Norwegian, Polish, Russian, Finish, Swedish, Dutch, Turkish, further languages available via GUI



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 TFTP server (PXE boot) SFTP (admin only)
Printer Server	USB printer network sharing (Windows / Mac) Internet printing protocol, printer management, Apple Bonjour printing
Web Server	Built-in editable php.ini, SQLite and MySQL Web-based management via phpMyAdmin Max. 32 virtual hosts Browser support: Internet Explorer 7+ Firefox 3+ Safari 3+ Google Chrome
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



	<p>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> <p>Realtime & background photo transcoding</p>
Download Station	<p>BitTorrent (FTP/ HTTP scheduled download)</p> <p>Support of TCP/ UDP tracker protocol, distributed hash table/DHT</p> <p>Up to 500 BT download tasks</p>



	<p>Download configuration / download status list</p> <p>RSS download manager, subscription to RSS feeds, RSS download</p> <p>Multiple URLs in one task</p>
Interfaces	
USB 2.0 total	Front side: x1; rear side: x4
USB 3.0 total	Rear side: x2
eSATA	2 x (rear / SATA)
Interfaces	USB 2.0 / USB 3.0 / eSATA / Ethernet / VGA for maintenance, HDMI, DATA SHEET: Subject to change w/o notification
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) FAT32 (external HDD) HFS+ (external HDD)
Power consumption	FLIP mode: 0.45W Woi mode: 1.92W Sleep mode: 31.5W



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Power consumption	Lot mode: 0,75W NoL mode: 1,52 W Sleep mode: 0,15W Operation mode:63,6 W
Power supply input	Internal power supply module 250W 50-60Hz Input: 100-240V AC
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/
Dimensions (WxDxH)	257 x 235 x 175 mm
Weight	Net weight: 5.3 kg, Gross weight: 6.6 kg; Package incl. System w/o HDD
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 Q902; Power Cord, CD, LAN cable, Key for tray lock, trays, 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-L902 w/o Hard Disk Drive, 6 trays included
- S26341-F103-L911 6 x 1 TB NAS Hard Disk Drive



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S26341-F103-L912 6 x 2 TB NAS Hard Disk Drive
S26341-F103-L913 6 x 3 TB NAS Hard Disk Drive
S26341-F103-L916 4 x 3 TB NAS Hard Disk Drive
S26341-F103-L917 6 x 2 TB NAS Hard Disk Drive INT (EU/UK/CH power cord)
S26341-F103-L918 6 x 3 TB NAS Hard Disk Drive INT (EU/UK/CH power cord)
S26341-F103-L980 w/o Hard Disk Drives, 6 trays included, (EU/UK/CH power cord)
VFY:CQ902XX000E1 6 Trays without Hard Disk Drives
VFY:CQ902XX030E1 6 x 2 TB NAS Hard Disk Drive EU
VFY:CQ902XX040E1 6 x 3 TB NAS Hard Disk Drive EU