Synology®

DiskStation DS215+

Synology DiskStation DS215+ is a high-performance 2-bay all-in-one NAS server for small and medium business users. Elaborately designed for multitasking applications, DS215+ offers energy efficiency and complete business features in a network attached storage solution that helps small and medium business centralize backup, protect critical assets and share files quickly and efficiently. Synology DS215+ is backed with Synology's 2-year limited warranty.

Highlights

- Superior performance with 209.61 MB/s reading, 139.42 MB/s writing by dual-core 1.4GHz CPU[1]
- Hardware encryption engine enhances file transfer speeds
- Dual LANs with link aggregation and failover support
- USB 3.0 and eSATA interface support
- Easy hard drive installation and hot-swappable support
- All-in-One server for small & medium business
- Running on Synology DiskStation Manager (DSM)

Dual-Core and Dual-LAN Performance

Synology DS215+ comes with a powerful **dual-core CPU** with **hardware encryption engine**, **1GB RAM**, and **two Gigabit LAN ports**, providing great performance to small and medium business users.

With link aggregation, Synology DS215+ can deliver read and write speeds of up to **209.61 MB/s** and **139.42 MB/s** respectively under RAID 1 configuration in a Windows® environment.[1] Powered with hardware encryption engine, DS215+ delivers fast encrypted data transmission speeds of up to **145.78 MB/s** reading and **71.21 MB/s** writing.[1] The dual LAN also supports failover mechanism, ensuring continual network service in case of LAN failure.

Cross Platform File Sharing and Mobile Access

Comprehensive network protocol support assures seamless file sharing across Windows, Mac®, and Linux® platforms. **Windows ADS** integration allows Synology DS215+ to quickly and easily fit in an existing business network environment with no need to recreate user accounts. **Windows ACL** support provides much finer-grained access control and efficient privilege settings, allowing users to enjoy native Windows experience. The **User Home** feature minimizes the administrator's effort in creating a private shared folder for a large amount of users.

Internet file access is simplified by the encrypted FTP server and the web-based **File Station**. HTTPS, the built-in firewall, and IP auto-block support ensure file sharing over the Internet is protected at a high security level. For users who are always on the move, Synology provides a handy app, **DS file**, for popular mobile devices such as iPhone®, iPad®, Android™ devices and Windows Phone. Anything stored on Synology DS215+ can be accessed remotely using DS file.

Cross-platform File Synchronization

Auto-synchronize your files among DiskStation, PC and mobile devices using Synology Cloud Station.

24/7 Security Solution

Synology **Surveillance Station** offers a centralized interface to manage IP cameras deployed in your office or home, allowing users traveling miles away to safeguard the environment by watching live views, recording events, and taking snapshots with a computer or mobile device. DS215+ is an ideal surveillance solution as it is capable of hosting up to **25 IP cameras** (750 FPS @ 720p). In addition to its intuitive setup and hassle-free interface, Surveillance Station features an optimized live view experience with on-screen operations, smart analytics tools like motion detection, and an alert system that sends instant notification through **DS cam**, SMS, and e-mail.

Rich Office Applications

Synology DS215+ runs on the award-winning operating system, Synology **DiskStation Manager (DSM)**, which offers comprehensive applications and features designed specifically for office and business workgroups.

Mail Server turns Synology DS215+ into a dedicated mail service provider, while **Mail Station**, provides a webmail interface for users to access emails stored on Synology DS215+.

VPN Server package offers an easy VPN solution that turns your Synology DS215+ into a VPN server, providing a secure way of connecting to a private LAN at a remote location. **RADIUS Server** strengthens network security by overseeing wireless access authentication via RADIUS (Remote Authentication Dial-In User Service) networking protocol.

Easy Backup Solutions

To protect your valuable data, DS215+ can become a centralized backup destination for consolidating fragmented and unstructured information across your network through a range of options. Advanced backup privilege management makes network backup tasks safer and more efficient. **Cloud Station** with selective sync and **ACL control** provides real-time data backup and synchronization among multiple computers and mobile devices. Complete backup solutions such as **Backup & Replication** minimize the impact of disasters.

Energy Efficient Design

Synology DS215+ is designed with energy efficiency in mind. Compared with its average PC counterpart, Synology DS215+ consumes relatively little power at **20.77 watts** while accessing and **8.96 watts** when hard drive hibernation is enabled. Wake on LAN/WAN and scheduled power on/off further reduces power consumption and operation costs.

All Synology products are produced with RoHS compliant parts and packed with recyclable packing materials. Synology acknowledges the responsibility as a global citizen to continually work to reduce the environmental impact of every product produced.

Connections & Buttons
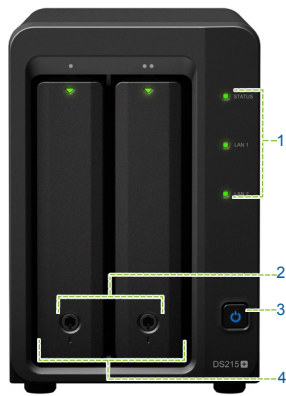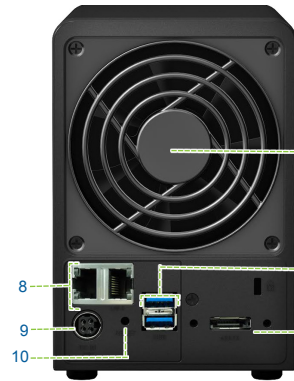
1	LED indicator	5	Fan
2	Tray lock	6	USB 3.0 port
3	Power button	7	eSATA port
4	Hard drive tray	8	LAN port
		9	Power port
		10	RESET

Technical Specifications

Hardware

CPU	Annapurna Labs Alpine AL-212 dual-core 1.4GHz
Hardware encryption engine	Yes
Floating point unit	Yes
RAM size	DDR3 1GB
Compatible drive type	3.5"/2.5" SATA III/II x 2 (hard drives not included)
Maximum internal raw capacity	16 TB (8 TB HDD x 2) (The actual capacity will differ according to volume types)
Hot swappable drive	Yes
External ports	USB 3.0 ports x 2, eSATA x 1
Size (HxWxD)	157 x 103.5 x 232 (mm)
Weight	1.69 kg
LAN	Gigabit x 2
Wake on LAN/WAN	Yes
Wireless support	Yes (wireless dongles not included)
AC input power voltage	100V to 240V
Power frequency	50Hz to 60Hz, Single Phase
Operating temperature	5 °C to 35 °C (40 °F to 95 °F)
Storage temperature	-20 °C to 60 °C (-5 °F to 140 °F)
Relative humidity	5% to 95% RH

General

Networking protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)
File system	Internal: ext4 External: ext4, ext3, FAT, NTFS, HFS+ (read only)
Storage management	Maximum single volume size: 16TB, Maximum internal volume #: 256, Maximum iSCSI Target #: 10, Maximum iSCSI LUN#: 10; Supported RAID Type: Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1
File sharing capability	Maximum user account: 2048, Maximum user group: 256, Maximum shared folder: 256, Maximum concurrent CIFS/AFP/FTP connections: 256
Privilege	Windows Access Control List (ACL)
Directory Service	Windows AD integration: Domain users login via Samba (CIFS)/AFP/FTP/File Station, LDAP integration
Security	FTP over SSL/TLS, IP auto-block, firewall, encrypted network backup over Rsync, HTTPS connection
Utilities	Synology Assistant, Cloud Station, Evidence Integrity Authenticator, Photo Station Uploader
Supported clients	Windows XP onward, Mac OS X 10.5 onward, Ubuntu 9.04 onward
Supported browsers	Chrome®, Firefox® Internet Explorer®: 8 or onward, Safari® 5 or onward, Safari (iOS 5 or later on iPad®), Chrome (Android™ 4.0 on tablets)
Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svensk, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, 日本語, 한국어, 繁體中文, 简体中文

Applications

File Station	Virtual drive, remote folder mounting, Windows ACL Editor, compress/extract archived files, bandwidth control for specific users or groups, create sharing links, transfer logs
Backup Solutions	Network backup, local backup, desktop backup, configuration backup, OS X Time Machine, Backup data to Amazon Glacier, shared folder sync - maximum task number: 4
Mail Server	Supported Mail Server Protocols: POP3, SMTP, IMAP, Support LDAP/AD Account
FTP Server	Bandwidth Control for TCP Connections, Custom FTP Passive Port Range, Anonymous FTP, FTP SSL/TLS and SFTP Protocols, Boot over the Network with TFTP and PXE Support, Transfer Log
Web Station	Virtual Host (up to 30 websites), PHP/MariaDB 3rd-Party Applications Support
Printer Server	Max printer #: 2, printing protocols: LPR, CIFS, IPP, Apple iOS printing, Google Cloud Print™, multi-functional print server (MFP functions are for Windows PC only)
Security Advisor	Malware detection/removal, user account/password, network/system-related security scan
Storage Analyzer	Volume and quota usage, total size of files, volume usage and trends based on past usage, size of shared folders, largest/most/least frequently modified files
Log Center	SSL connection, log rotation: 6 months, 1 year, 2 years, 3 years, email notification
iOS/Android™ Applications	DS audio, DS cam, DS cloud, DS download, DS file, DS finder, DS photo, DS video, DS note
Windows™ Phone Applications	DS audio, DS download, DS file, DS finder, DS photo+, DS video

Add-on Packages

Surveillance Station	Maximum IP camera #: 25 (total of 750 FPS at 720p, H.264) (Including two free camera licenses. Procurement of additional licenses is required.)
VPN Server	Maximum connections: 15, Supported VPN protocols: PPTP, OpenVPN™, L2TP
Mail Station	Webmail interface for Mail Server, receiving mails from multiple POP3 mailboxes, customizable SMTP Server
Antivirus Essential	Full system scan, scheduled scan, white list customization, virus definition auto update
Cloud Station	Maximum concurrent file transfers: 256, retain historical and deleted file versions
Cloud Sync	Data sync with public cloud services: Dropbox, Google Drive, Baidu, Microsoft OneDrive, Box and hubiC
DLNA®/UPnP® Media Server	DLNA compliant, PS3®/Xbox 360® supported
Download Station	Supported download protocols: BT/HTTP/FTP/NZB/eMule Maximum concurrent download tasks: 50
Note Station	Rich-Text note organization with versioning, encryption, sharing, media embedding and attachments
Other packages	Photo Station, Audio Station, iTunes® Server, 3rd-party packages

Environment and packaging

Environment	RoHS compliant
Package content	DS215+ main unit, welcome note, accessory pack, AC power adapter, RJ-45 LAN cable x 2
Optional accessories	Camera License Pack
Warranty	2 years

*Model specifications are subject to change without notice. Please refer to www.synology.com for the latest information.

1. Performance figures could vary on different environments.

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