



ioSafe 216

powered by Synology® DSM

+ Data Recovery Service



FIREPROOF

Protects against data loss in fire up to 1550°F,
1/2 hour Per ASTM E119



WATERPROOF

Protects data from flood, full submersion, 10' depth,
72 hours, fresh or salt water



REDUNDANT HARD DRIVES

Dual Drive, RAID 1. Up to 12TB (2X8TB).
Hot-swappable drives.



DATA RECOVERY SERVICE

Up to \$5000 per TB of forensic data recovery



PRIVATE CLOUD

Access your data from anywhere on any device.
Fast local speeds (up to 100MB/sec)



THEFTPROOF

Built in Kensington security slot. Optional floor
mount / padlock kit. Hide anywhere in the
building on the local network.

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Product Specifications

Hardware

Fire Protection	Protects data from fire. Up to 1550°F, 30 minutes per ASTM E-119.
Flood Protection	Protects data from flood. Fully submersed, fresh or salt water, 10 foot depth, 72 hours.
Theft Protection	Kensington® Security Slot. Optional Floor Mount / Padlock Kit.
CPU	Marvell Armada 385 Dual Core 1.3 Ghz
Hardware Encryption Engine	Yes. AES-NI hardware encryption engine.
Memory	DDR3 512MB
Internal HDD/SSD	3.5" or 2.5" SATA(II) X 2 (hard drives not included)
Max Internal Capacity	Up to 16TB (2X8TB) (The actual capacity will differ according to volume types.)
Hot Swappable HDD	Yes
External Storage Interface	2X USB 3.0 port, 1X USB 2.0 ports
Size (HxWxD)	5.9 in (150mm) x 9.06 in (230mm) x 11.5 in (292mm)
Weight	28 lbs (12.7 kg)
LAN	1X Gigabit
Wireless Support	Yes (wireless dongles not included)
Wake on LAN/WAN	Yes
Noise Level	19.9 dB(A)
AC Input Power Voltage	100V to 240V
Power Frequency	50Hz to 60Hz, Single Phase
Power Consumption	15.48 W (Access); 7.2 W (HDD Hibernation)
Operating Temperature	5°C to 35°C (40°F to 95°F)
Storage Temperature	-10°C to 70°C (15°F to 155°F)
Relative Humidity	5% to 95%RH

Applications

File Station	Virtual Drive, Remote Folder
Backup Solutions	Network Backup, Local Backup, Desktop Backup (Window: Synology Data Replicator; Mac®: Apple® Time Machine® backup application), Shared Folder Sync - Max Task Number : 2, Configuraiton Backup, USBCopy/SDCopy
Mail Server	Supported Mail Server Protocols : POP3, SMTP, IMAP
FTP Server	Bandwidth Control, Custom FTP Passive Port Range, Anonymous FTP, Transfer Log
Web Station	Virtual Host (up to 30 websites), PHP/MySQL®, 3rd-Party Applications Support
Printer Server	Max Printer #: 2, Printing Protocols: LPR, CIFS, IPP, Apple AirPrint™, Google Cloud Print™, Multi Functional Print Server (MFP functions are for Windows® PC only)
iOS/Android™ Applications	DS photo+, DS audio, DS cam, DS file, DS finder
Windows Phone Applications	DS finder

Add-on Packages

Surveillance Station	Default IP cam #: 1, MAX IP cam # (licenses required): 8 (1 free license to install 1 IP camera. Additional licenses can be purchased to expand the license quota.)
Directory Server	LDAP Directory Server, Backup and Restore LDAP Database
VPN Server	Maximum Connections : 5, VPN Method: PPTP, OpenVPN™
DHCP Server	Independent DHCP Server on Different Network Interfaces, Multiple Subnets Support, Address Reservation
Syslog Server	SSL Connection, Log Rotation: 6 months, 1 year, 2 years, 3 years, Email Notificaiton
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
Time Backup	Maximum Task Number : 2, Multiple File Versions Retained, Instant File Restoration
Cloud Station	Maximum User Accounts : 16, Retain Historical and Deleted File Versions
DLNA®/UPnP® Media Server	PS3®/Xbox 360® Support
Download Station	Supported Download Protocols: BT/HTTP/FTP/NZB/eMule Maximum Concurrent Download Tasks : 30
Other Packages	Photo Station, Audio Station, iTunes® Server, 3rd-Party Packages

General

Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™)
File System	EXT4, EXT3 (External Disk Only), FAT (External Disk Only), NTFS (External Disk Only)
Storage Management	Max File System Size: 16TB, Max Internal Volume #: 256, Max iSCSI Target #: 10, Max iSCSI LUN#: 10, Supported RAID Type : Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1
File Sharing Capability	Max User Account: 2048, Max Group: 256, Max Shared Folder: 256, Max Concurrent CIFS/AFP/FTP Connections : 128
Privilege	Windows Access Control List (ACL)
Directory Service	Windows ADS Domain Integration, LDAP Integration
Security	FTP over SSL/TLS, IP Auto-Block, Firewall, Encrypted Network Backup over Rsync, HTTPS Connection
Utilities	Synology Web Assistant, Synology Assistant, Synology Data Replicator
Supported Clients	Windows XP onward, Mac OS X® 10.5 onward, Ubuntu 9.04 onward
Support Browsers	Chrome, Internet Explorer®: 8, 9, Firefox®, Safari® (Mac): 5
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

Environment and Packaging

Environment	RoHS Compliant
Package Content	ioSafe 216 Main Unit, Welcome Note, Assembling Kit, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable X1
Optional Accessories	Floor Mount / Padlock Kit, Camera License Pack
Warranty	ioSafe 216 Diskless: 1 Year No-Hassle Warranty. ioSafe 216 w/ factory loaded drives: 1 Year No-Hassle + 1 Year Data
Recovery Service	(DRS). Upgradeable to 5 Year No-Hassle Warranty + 5 Years DRS. Certain limitations apply. See website for details.