



## ioSafe 1520+ NAS

powered by Synology® DSM



### FIREPROOF

Fireproof up to 1550°F for 30 minutes, the 1520+ will survive office and home fires – meaning you can get back up and running fast.



### WATERPROOF

Waterproof up to 10 feet for 72 hours, the 1520+ protects data from broken pipes, floods, or the fire department's hose.



### CAPACITY TO GROW

Prepared for the demands of business growth, the 1520+ stores up to 70TB in its five bays, or up to 210TB with optional expansion bays.



### DATA RECOVERY SERVICE

Should disaster strike, whether in the form of fire, water, or failed hard drive, we'll help you recover your data so you can get back to business. We'll even provide forensic data recovery if necessary.



### BETTER THAN CLOUD

Store your own data at 1/4 the cost of cloud services, without the privacy risks or downtime. You can set up your own private cloud for access to files and data from anywhere. If you want, you can integrate with cloud services.



### THEFTPROOF

With a built in Kensington security slot and our optional floor mount and padlock kit, the 1520+ can be secured or hidden anywhere on your local network.

# ioSafe 1520+ NAS powered by Synology® DSM

## Product Specifications

### Hardware

DataCast™ Fire Protection	Protects data from fire. Up to 1550°F, 30 minutes per ASTM E-119.
HydroSafe™ Water Protection	Protects data from flood. Fully submersed, fresh or salt water, 10 foot depth, 72 hours.
Security Protection	Kensington Security Slot. Optional Floor Mount / Padlock Kit.
Hardware Encryption Engine	Yes
CPU	Intel Celeron J4125
CPU Architecture	64-bit
CPU Frequency	Quad Core 1.5 burst up to 2.3 GHz
Memory	8 GB DDR3L
Internal HDD/SSD	3.5" or 2.5" SATA(II) X 2 (hard drives not included)
Max Internal Capacity	70 TB (14 TB drive x 5) (Capacity may vary by RAID types)
Maximum Raw Capacity with Expansion Units	210TB (70TB + 14TBdrive x10) (Capacity may vary by RAID types)
Hot Swappable HDD	Yes
NVMe Cache	Yes
External Ports	Ethernet RJ45: up to 1 Gbps (up to 2 Gbps with link aggregation/failover enabled) x4, USB 3.0 Type A: up to 5 Gbps x2, eSATA: up to 6 Gbps (for ioSafe expansion unit only) x2
Size	406mm W x 483mm L x 534mm H (16in W x 19in L x 21in H)
Weight	29 kg (64 lbs) – no drives
Wake on LAN/WAN	Yes
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	38.59 W (Access) ; 13.32 W (HDD Hibernation)
Operating Temperature	5°C to 40°C (40°F to 104°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
File System	Internal: Btrfs, EXT4   External: Btrfs, EXT4, EXT3, FAT, NTFS, HFS+, exFAT
Supported RAID Type	Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
RAID Migration	Basic to RAID 1, Basic to RAID 5, RAID 1 to RAID 5, RAID 5 to RAID 6
Supported Clients	Windows, macOS, Linux
Support Browsers	Internet Explorer 10 or later, Chrome, Firefox, Safari 10 or later, Safari (iOS 10.0+ on iPad), Chrome (Android 6.0+ on tablets)
Language	Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese Brazil, Portuguese European, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Thai

### Environment and Packaging

Environment	RoHS Compliant
Package Content	Main Unit, Accessory Pack, AC Power Adapter, AC Power Cord, RJ-45 LAN Cable x2, Quick Installation Guide
Optional Accessories	Mount / Padlock Kit
Warranty	ioSafe 1520+ Diskless: 2 Years No-Hassle Warranty. ioSafe 1520+ w/ factory loaded drives: 2 Years No-Hassle and 2 Year Data (DRS).
Recovery Service	Upgradeable to 5 Year No-Hassle Warranty and 5 Years DRS. Certain limitations apply. See website for details.

