ioSafe 220+ NAS
powered by Synology® DSM

FIREPROOF
Fireproof up to 1550°F for 30 minutes, the 220+ 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 220+ protects data from broken pipes, floods, or the fire department's hose.

CAPACITY TO GROW
Prepared for the demands of business growth, the 220+ stores up to 28TB in its two 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 220+ can be secured or hidden anywhere on your local network.
# ioSafe 220+ NAS

## 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.
- **CPU**: Intel Celeron J4025
- **CPU Architecture**: 64-bit
- **CPU Frequency**: 2-core 2.0 (base) / 2.9 (burst) GHz
- **Memory**: 2 GB DDR4 non-ECC (6 GB configurations available)
- **Internal HDD/SSD**: 3.5-inch or 2.5-inch SATA x2 (hard drives not included)
- **Max ioSafe Qualified Internal Capacity**: Up to 32TB (16TB drive x 2) (Capacity may vary by RAID type)
- **Hot Swappable HDD**: Yes
- **External Ports**: RJ-45 1GbE LAN Port x2 (Failover/High Availability Supported), USB 3.2 Gen 1 Port x2 (previously known as USB 3.0, USB 2.0 / SD Copy (for peripheral device connections only)
- **Size**: 150mm W x 305mm L x 231mm H (5.9in W x 12in L x 9.1in H)
- **Weight**: Unpopulated: 14 kg (31 lbs) | Populated: 16-18 kg (36-39 lbs)
- **AC Input Power Voltage**: 100V to 240V AC
- **Power Frequency**: 50/60 Hz, Single Phase
- **Power Consumption**: 14.69 W (Access); 4.41 W (HDD Hibernation)
- **Operating Temperature**: 0°C to 40°C (32°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**: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV
- **File System**: Internal: Btrfs, EXT4 | External: Btrfs, EXT4, EXT3, FAT, NTFS, HFS+, exFAT (exFAT Access can be installed for free from Package Center in DSM 7.0)
- **Supported RAID Type**: Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1
- **RAID Migration**: Basic to RAID 1
- **Supported Browsers**: Google Chrome, Firefox, Microsoft Edge, Safari
- **Language**: English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Čeština, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文
- **RoHS Compliant**: Yes

### Environment and Packaging
- **Environment**: RoHS Compliant
- **Package Content**: Main Unit, Accessory Pack, AC Power Adapter, AC Power Cord, Ethernet Cable, Quick Installation Guide
- **Optional Accessories**: Mount / Padlock Kit
- **Warranty**: ioSafe 220+ Diskless: 2 Years No-Hassle Warranty. ioSafe 220+ w/ factory loaded drives: 2 Years No-Hassle and 2 Year Data (DRS). Upgradeable to 5 Year No-Hassle Warranty and 5 Years DRS. Certain limitations apply. See website for details.
- **Recovery Service**: Upgradeable to 5 Year No-Hassle Warranty and 5 Years DRS. Certain limitations apply. See website for details.