ioSafe 1520+
User Manual
Product Warranty

CDSG warrants this product to be free of significant defects in material and workmanship for a period of two (2) years from the original date of purchase. CDSG’s warranty is nontransferable and is limited to the original purchaser.

Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CDSG expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CDSG dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CDSG or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CDSG product or service, even if CDSG has been advised of the possibility of such damages. In no case shall CDSG’s liability exceed the actual money paid for the products at issue. CDSG reserves the right to make modifications and additions to this product without notice or taking on additional liability.

FCC Compliance Statement: “This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.”

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at this own expense.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:

1. Ensure that the case of your attached drive is grounded.
2. Use a data cable with RFI reducing ferrites on each end.
3. Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.
4. Reorient or relocate the receiving antenna.
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1. INTRODUCTION

This User Manual shows you how to set up and maintain the ioSafe 1520+, a fireproof and waterproof five-bay network-attached storage (NAS) storage device, powered by Synology DSM.

The ioSafe 1520+ ensures seamless business continuity with Synology DSM, Synology's prize-winning operating system. The ioSafe 1520+ also protects your data while fully submersed underwater for up to 72 hours and in temperatures up to 1550° F for 30 minutes, ensuring that your data stays protected through floods and fires.
2. GENERAL INFORMATION

2.1. SAFETY INFORMATION
Please read the following before handling this product.

1. Do not drop the product, submit it to impact, or pierce it.

2. The circuit boards within this product are susceptible to static electricity. Proper grounding is strongly recommended to prevent electrical damage to the product or other connected devices, including the computer host.

3. Avoid placing this product close to magnetic devices, high voltage devices, or in an area exposed to heat, flame, direct sunlight, dampness, moisture, rain, vibration, shock, dust, or sand.

4. To avoid overheating, this product should be operated in a well-ventilated area.

5. Before starting any type of hardware installation, ensure that all power switches have been turned off and all power cords have been disconnected to prevent personal injury and damage to the hardware.

2.2. PACKAGE CONTENTS

Check the package contents to verify that you have received the items below. Please contact ioSafe if any items are missing or damaged (see Section 8.4: Contact ioSafe Support, page 25).
2.3. IDENTIFYING PARTS

Front

System Status Indicator
Power Button
Drive Status Indicators
USB Type A Port
## 2.4. LED BEHAVIOR

<table>
<thead>
<tr>
<th>LED Name</th>
<th>Color</th>
<th>State</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Status</strong></td>
<td>Green</td>
<td>Solid</td>
<td>The unit is operating normally.</td>
</tr>
<tr>
<td></td>
<td>Amber</td>
<td>Blinking</td>
<td>Indicates one of the following states:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Volume degraded</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Volume crashed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Volume not created</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Synology DSM is not installed</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
<td>The drives are in hibernation.</td>
</tr>
<tr>
<td><strong>Drive Activity LEDs #1-5</strong></td>
<td>Green</td>
<td>Solid</td>
<td>The corresponding drive is ready and idle.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blinking</td>
<td>The corresponding drive is being accessed.</td>
</tr>
<tr>
<td></td>
<td>Amber</td>
<td>Solid</td>
<td>Indicates a drive error for the corresponding drive.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
<td>No internal drive installed in the corresponding drive bay, or the drive is in hibernation.</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Blue</td>
<td>Solid</td>
<td>Indicates that the unit is powered on.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blinking</td>
<td>The unit is booting up or shutting down.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
<td>The unit is powered off.</td>
</tr>
<tr>
<td><strong>Left Rear LAN LEDs #1-4 (left side of each jack)</strong></td>
<td>Green</td>
<td>Solid</td>
<td>The network is connected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blinking</td>
<td>Indicates that network activity is happening.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
<td>There is no network connected or the Ethernet cable is disconnected.</td>
</tr>
<tr>
<td><strong>Right Rear LAN LEDs #1-4 (right side of each jack)</strong></td>
<td>Green</td>
<td>Solid</td>
<td>1 Gbps connection</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>Solid</td>
<td>100 Mbps connection</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td></td>
<td>10 Mbps connection or no network detected</td>
</tr>
</tbody>
</table>
3. HARDWARE INSTALLATION

3.1. TOOLS AND PARTS FOR DRIVE INSTALLATION

- A Phillips screwdriver
- 3mm hex tool (included)
- At least one 3.5-inch or 2.5-inch SATA hard drive or SSD (please visit iosafe.com/support/hardware-compatibility for a list of compatible drive models)

**WARNING**
Formatting a drive will result in data loss, so be sure to back up your data before beginning this operation.

3.2. SATA DRIVE INSTALLATION

**NOTE**
If you purchased an ioSafe 1520+ that was shipped with hard drives pre-installed, skip this section and continue on to Section 3.3: M.2 NVMe SSD Cache Installation, page 12.

1. Use the included 3mm hex tool to remove the screws on the top and bottom of the front cover. Then remove the front cover.
2. Remove the waterproof drive cover with the 3mm hex tool.

3. Remove the drive trays with the 3mm hex tool.
4. Install a compatible drive into each drive tray using (4x) drive screws and a Phillips screwdriver. Visit iosafe.com/support/hardware-compatibility for a list of qualified drive models.

**NOTE**
When setting up a RAID set, it is recommended that all installed drives should be the same size in order to make the best use of drive capacity.

5. Insert each loaded drive tray into an empty drive bay, ensuring that each one is pushed in all the way. Then tighten the screws using the 3mm hex tool.
6. Replace the waterproof drive cover and securely tighten it using the 3mm hex tool.

**CAUTION**

Use only the supplied hex tool to secure the waterproof drive cover as when using other tools you could under-tighten or break the screw. The hex tool has been designed to flex slightly when the screw is sufficiently tight and the waterproof gasket is properly compressed.

7. Install the front cover to finish installation and protect the drives from fire.
8. You may optionally use the round magnet provided to attach and store the hex tool on the back of the unit.

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### 3.3. M.2 NVME SSD CACHE INSTALLATION

You may optionally install up to two M.2 NVMe SSDs into the ioSafe 1520+ to create an SSD cache volume to boost the read/write speed of a volume. You can configure the cache in read-only mode using one SSD or either read-write (RAID 1) or read-only modes (RAID 0) using two SSDs.

---

**NOTE**

The SSD Cache must be configured in Synology DiskStation Manager (DSM). Please refer to the section for SSD Cache in DSM Help on the DSM desktop.

---

**TIP**

ioSafe recommends that you configure the SSD-cache as read-only. The drives in a RAID 5 mode are faster than the cache at sequential read and write operations. The cache only provides a benefit with random read and write operations.

---

1. Shut down your ioSafe 1520+. Disconnect all cables connected to the ioSafe 1520+ to prevent possible damage.

2. Turn the ioSafe 1520+ over so that it's upside down.
3. Use a Phillips screwdriver to remove the screw securing the bottom cover and remove it. You will see three slots; one slot populated with RAM memory and two M.2 SATA slots for your SSD cache.

4. Remove the retainer screw from the retaining bracket for each SSD slot you intend to use.

5. Install the SSD. Align the notch on the gold contacts of the SSD with the notch on the empty slot and insert the module into the slot.
6. While holding the SSD down flat against the retaining bracket (Fig. 1), use a screwdriver to reinsert the retainer screw back into the bracket and secure the SSD (Fig. 2).

7. Repeat the steps above to install another SSD into the second slot if needed.

8. Replace the bottom cover and secure it in place using the screw you removed in Step 3.

9. Turn the ioSafe 1520+ back over and reconnect the cables you removed in Step 1 (see Section 3.5: Connecting the ioSafe 1520+, page 16).

10. Follow the instructions for configuring your SSD Cache in DSM Help on the DSM desktop.

3.4. REPLACE MEMORY MODULES
Follow these steps to remove, install, or check a memory module on your ioSafe 1520+.

1. Shut down your ioSafe 1520+. Disconnect all cables connected to your ioSafe to prevent possible damage.

2. Turn the ioSafe 1520+ over so that it is upside down.
3. Use a Phillips screwdriver to remove the screw securing the bottom cover and remove it. You will see three slots; one slot populated with RAM memory and two M.2 SATA slots for your SSD cache.

4. Pull the levers on both sides of a memory module outward to release the module from the slot.

5. Remove the memory module.

6. Align the notch on the gold contacts of the memory module with the notch on the empty slot and insert the memory module into the slot (Fig. 1). Push firmly until you hear a click to secure the memory module in the slot (Fig. 2). If you encounter difficulty when pushing down, push the levers on either side of the slot outward.
7. Replace the bottom cover and secure it in place using the screw you removed in Step 3.

8. Turn the ioSafe 1520+ back over and reconnect the cables you removed in Step 1 (see Section 3.5: Connecting the ioSafe 1520+, page 16).

9. If you haven’t already, install Synology DiskStation Manager (DSM) (see Install Synology DiskStation Manager).

10. Log into DSM as an administrator (see Connect to Synology DiskStation Manager).

11. Go to Control Panel > Info Center and check Total Physical Memory to verify that the correct amount of RAM memory is installed.

**NOTE**
If your ioSafe 1520+ does not recognize the memory or fails to start up, please make sure that each memory module is correctly seated in its memory slot.

### 3.5. CONNECTING THE IOSAFE 1520+

**WARNING**
Do not place the ioSafe 1520+ device on a soft surface, such as carpet, that will obstruct air flow into the vents on the underside of the product.
NOTE
If you purchased an ioSafe 1520+ without drives pre-installed, the fans inside the unit will spin at full speed until you install Synology DiskStation Manager (see Install Synology DiskStation Manager) and Synology DiskStation Manager has booted up. This is the default behavior for the cooling fans and is intended.
4. INSTALL SYNOLOGY DISKSTATION MANAGER

Synology DiskStation Manager (DSM) is a browser-based operating system which provides tools to access and manage your ioSafe 1520+. When installation is complete, you will be able to log into DSM and start enjoying all the features of your ioSafe powered by Synology. Before getting started, please check the following:

**IMPORTANT**
Your computer and your ioSafe 1520+ must be connected to the same local network.

**IMPORTANT**
To download the latest version of DSM, Internet access must be available during installation.

**NOTE**
Any ioSafe 1520+ that was shipped with hard drives pre-installed already has Synology DiskStation Manager installed. If you have drives pre-installed, continue on to Section 5: Connect and Log in to Synology DiskStation Manager, page 20.

1. Turn on the ioSafe 1520+ if it is not already powered on. It will beep once when it is ready to set up.
2. Type in one of the following addresses into a web browser to load the Synology Web Assistant. The status of your ioSafe 1520+ should read **Not Installed**.

**NOTE**
Synology Web Assistant is optimized for the Chrome, Edge, and Firefox browsers.

```
PURCHASED WITH HARD DRIVES
http://iosafe:5000

OR

PURCHASED WITHOUT DRIVES
http://diskstation:5000

OR

CONNECT VIA SYNOLOGY.COM
http://find.synology.com
```

3. Click the **Connect button** to begin the setup process.

4. Follow the on-screen instructions to install Synology DSM. Your ioSafe 1520+ will automatically restart in the middle of setup.
5. CONNECT AND LOG IN TO SYNOLOGY DISKSTATION MANAGER

1. Turn on the ioSafe 1520+ if it is not already powered on. It will beep once when it is ready to set up.

2. Type in one of the following addresses into a web browser to load the Synology Web Assistant. The status of your ioSafe 1520+ should read Ready.

   - PURCHASED WITH HARD DRIVES
     - http://iosafe:5000
   - PURCHASED WITHOUT DRIVES
     - http://<server_name>:5000
   - CONNECT VIA SYNOLOGY.COM
     - http://find.synology.com

   OR

3. Click the Connect button.

   IMPORTANT
   If you do not have an Internet connection and you purchased the ioSafe 1520+ without drives pre-installed, you will need to connect using the second method. Use the server name you gave your ioSafe 1520+ while installing Synology DiskStation Manager (see Section 4: Install Synology DiskStation Manager, page 18).
4. The browser will display a login screen. If you purchased the ioSafe 1520+ with pre-installed drives, the default username is **admin** and the password is left blank.

For those who purchased the ioSafe 1520+ without drives, the username and password are the ones you created while installing Synology DSM (see Section 4: Install Synology DiskStation Manager, page 18).

```
ioSafe
Sign In
Stay signed in
<username>
<password>
```

**TIP**
You can change the username and password with the “User” Control Panel applet in the Synology DiskStation Manager user interface.
6. USING SYNOLOGY DISKSTATION MANAGER

You can find out more about how to use Synology DiskStation Manager (DSM) by referring to DSM Help on the Synology DSM desktop, or by referring to the Synology NAS User’s Guide, available for download from the Synology.com Knowledge Center.
7. REPLACE SYSTEM FANS

The ioSafe 1520+ will play beep sounds if either of the system fans is not working. Follow the steps below to replace the malfunctioning fans with a good set.

1. Shut down your ioSafe 1520+. Disconnect all cables connected to your ioSafe 1520+ to prevent possible damage.

2. Remove the seven (7) perimeter screws around the rear fan assembly plate.

3. Pull the assembly from the back panel of your ioSafe 1520+ to expose the fan connections.

4. Disconnect the fan cables from the connector wires attached to the rest of the ioSafe 1520+ and then remove the assembly.

5. Install the new fan assembly or replace the existing fans. Connect the fan cables of the new fans to the fan connector wires attached to the main ioSafe unit.

6. Replace and tighten the seven (7) screws you removed in Step 2.
8. PRODUCT SUPPORT AND DATA RECOVERY SERVICE

Congratulations! You are now ready to manage and enjoy all the features of your ioSafe 1520+ device. For more information regarding specific features, please check out DSM Help or refer to our online resources available at iosafe.com or synology.com.

8.1. ACTIVATE DATA RECOVERY SERVICE PROTECTION

Register your product to activate your Data Recovery Service protection plan by visiting iosafe.com/activate.

8.2. IOSAFE NO-HASSLE WARRANTY

If the ioSafe 1520+ breaks during the warranty period, we will repair or replace it.

The standard term for the warranty is two (2) years from the date of purchase. A five (5) year extended term warranty service is available for purchase upon activation of the Data Recovery Service. See the website or contact customerservice@iosafe.com for help. ioSafe reserves the right to have its representative inspect any product or part to honor any claim, and to receive a purchase receipt or other proof of original purchase before warranty service is performed.

This warranty is limited to the terms stated herein. All expressed and implied warranties including the warranties of merchantability and fitness for a particular purpose are excluded, except as stated above. ioSafe disclaims all liabilities for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights as well, which will vary from state to state.

8.3. DATA RECOVERY PROCEDURE

If the ioSafe faces possible data loss for any reason, you should immediately call the ioSafe Disaster Response Team at 1-530-820-3090 option 3. You can also send an email to disastersupport@iosafe.com. ioSafe can determine the best actions to take to protect your valuable information. In some cases a self-recovery can be performed and provide you with immediate access to your information. In other cases, ioSafe may request that the product be returned to the factory for data recovery. In any case, contacting us is the first step.

The general steps for disaster recovery are:

1. Email disastersupport@iosafe.com with your serial number, product type and date of purchase. If you cannot email, call the ioSafe Disaster Support Team at 1-530-820-3090 option 3.

2. Report the disaster event and obtain return shipping address/instructions.

3. Follow ioSafe team instructions on proper packaging.

4. ioSafe will recover all data which is recoverable according to the terms of the Data Recovery Service Terms and Conditions.
5. ioSafe will then place any recovered data on a replacement ioSafe device.

6. ioSafe will ship the replacement ioSafe device back to the original user.

7. Once the primary server/computer is repaired or replaced, the original user should restore the primary drive data with the ioSafe backup data.

8.4. CONTACT IOSAFE SUPPORT

Your investment in ioSafe products is backed up by our free technical support for the lifetime of the product. Use the support resources on our website, iosafe.com/support, email us, or give us a call.

Customer and Technical Support

- Phone: 1-530-820-3090 Option 2
- Email: customersupport@iosafe.com

Data Recovery Services

- Phone: 1-530-820-3090 Option 3
- Email: disastersupport@iosafe.com
## APPENDIX A. HARDWARE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>ioSafe 1520+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Protection</td>
<td>Up to 1550°F, 30 minutes per ASTM E-119</td>
</tr>
<tr>
<td>Water Protection</td>
<td>IP68: Fully submersed, fresh or salt water, 10 foot depth, 72 hours</td>
</tr>
<tr>
<td>Theft Protection</td>
<td>Metal Kensington Lock Slot, optional Floor Mount Kit</td>
</tr>
<tr>
<td>CPU Model</td>
<td>Intel Celeron J4125</td>
</tr>
<tr>
<td>CPU Quantity</td>
<td>1</td>
</tr>
<tr>
<td>CPU Architecture</td>
<td>64-bit</td>
</tr>
<tr>
<td>CPU Frequency</td>
<td>4-Core 2.0 (base) / 2.7 (burst) Ghz</td>
</tr>
<tr>
<td>System Memory</td>
<td>8GB DDR4 non-ECC</td>
</tr>
<tr>
<td>Memory Module Pre-Installed</td>
<td>8GB (4GB + 4GB)</td>
</tr>
<tr>
<td>Total Memory Slots</td>
<td>1</td>
</tr>
<tr>
<td>Drive Bays</td>
<td>• 5 (Default)</td>
</tr>
<tr>
<td></td>
<td>• 15 (with ioSafe x517 Expansion)</td>
</tr>
<tr>
<td>Maximum Single Volume Size</td>
<td>108TB</td>
</tr>
<tr>
<td>SSD Cache</td>
<td>Two (2) M.2 2280 NVMe SSD slots (not included)</td>
</tr>
<tr>
<td>Interface Types &amp; Speeds</td>
<td>• eSATA: up to 6 Gbps</td>
</tr>
<tr>
<td></td>
<td>• Ethernet: up to 1 GbE</td>
</tr>
<tr>
<td></td>
<td>• USB 3.2 Gen 1: up to 5 Gbps</td>
</tr>
<tr>
<td>Supported Storage Media</td>
<td>• 3.5-inch SATA HDD</td>
</tr>
<tr>
<td></td>
<td>• 2.5-inch SATA HDD</td>
</tr>
<tr>
<td></td>
<td>• 2.5-inch SATA SSD</td>
</tr>
<tr>
<td>Data Connectors</td>
<td>• Two (2) eSATA connectors (for ioSafe x517 Expansion only)</td>
</tr>
<tr>
<td></td>
<td>• Two (2) M.2 NVMe slots (for SSD Cache only)</td>
</tr>
<tr>
<td></td>
<td>• Four (1) RJ-45 1GbE LAN ports</td>
</tr>
<tr>
<td></td>
<td>• Two (2) USB Type-A connectors</td>
</tr>
<tr>
<td>Failover Support/Link Aggregation</td>
<td>Yes: up to 450 MB/s sequential read/write when enabled</td>
</tr>
<tr>
<td>NAS Operating System</td>
<td>Synology DSM</td>
</tr>
<tr>
<td>Supported File Systems (Internal Drives)</td>
<td>• Btrfs</td>
</tr>
<tr>
<td></td>
<td>• EXT4</td>
</tr>
<tr>
<td>Supported File Systems (External Drives)</td>
<td>• Btrfs</td>
</tr>
<tr>
<td></td>
<td>• EXT4</td>
</tr>
<tr>
<td></td>
<td>• EXT3</td>
</tr>
<tr>
<td></td>
<td>• FAT</td>
</tr>
<tr>
<td></td>
<td>• NTFS</td>
</tr>
<tr>
<td></td>
<td>• HFS+</td>
</tr>
<tr>
<td></td>
<td>• exFAT</td>
</tr>
<tr>
<td>Supported RAID Types</td>
<td>JBOD, RAID 0, 1, 5, 6, 10, Synology Hybrid RAID (up to 2-disk fault tolerance)</td>
</tr>
<tr>
<td>System Fan</td>
<td>Two (2) 120 mm x 120 mm fans</td>
</tr>
<tr>
<td>Fan Speed Mode</td>
<td>• Full-Speed Mode</td>
</tr>
<tr>
<td></td>
<td>• Cool Mode</td>
</tr>
<tr>
<td></td>
<td>• Quiet Mode</td>
</tr>
<tr>
<td>Power Recovery</td>
<td>Yes</td>
</tr>
<tr>
<td>Scheduled Power On/Off</td>
<td>Yes</td>
</tr>
<tr>
<td>Wake on LAN</td>
<td>Yes</td>
</tr>
<tr>
<td>Power Supply Unit / Adapter</td>
<td>150 W</td>
</tr>
<tr>
<td>AC Input Power Voltage</td>
<td>100V to 240V</td>
</tr>
<tr>
<td>Power Frequency</td>
<td>50/60 Hz, Single Phase</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>5°C to 35°C (40°F to 95°F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-20°C to 60°C (-5°F to 140°F)</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>5% – 95% Relative Humidity</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>Non-Operating Humidity</td>
<td>100%, Full water immersion, 10 feet, 72 hours</td>
</tr>
<tr>
<td>Weight</td>
<td>• Unpopulated: 29 kg</td>
</tr>
<tr>
<td></td>
<td>• Populated: 33 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>• Width: 406 mm</td>
</tr>
<tr>
<td></td>
<td>• Length: 483 mm</td>
</tr>
<tr>
<td></td>
<td>• Height: 534 mm</td>
</tr>
<tr>
<td>Compliance</td>
<td>• EMI Standard: FCC Part 15 Class A</td>
</tr>
<tr>
<td></td>
<td>• EMC Standard: EN55024, EN55032</td>
</tr>
<tr>
<td></td>
<td>• CE, RoHS, RCM</td>
</tr>
</tbody>
</table>

1 See all supported drives at iosafe.com/support/hardware-compatibility.
2 exFAT Access can be installed for free from Package Center in Synology DSM 7.0.