



# Synology DX510

Expansion Unit for Increasing Capacity of the Synology DiskStation

**Synology® DX510 delivers an effortless solution for volume expansion and data backup for selected Synology DiskStations. The DX510 smoothly scales the storage capacity of the Synology DiskStation by an additional 5 hard drives on the fly when firmly connected directly to the Synology DiskStation, ensuring a reliable expansion solution.**

## Highlights

- Plug-n-use
- Hot-swappable HDD design
- HDD Hibernation
- Managed from Synology DiskStation Manager 2.3

## Volume Expansion & Backup

When running out of the hard drive capacity on the Synology DiskStation, the Synology DX510 provides an easy way to immediately scale capacity by an additional 5 hard drives. The RAID volume on the Synology DiskStation can be expanded directly without having to reformat the existing hard drives, ensuring the Synology DiskStation continues its service during the capacity expansion. When created as a separate volume, the Synology DX510 provides a great solution for backing up the Synology DiskStation.

## Reliable Plug-n-use Design

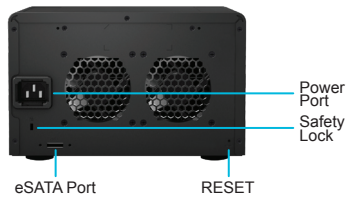
The Synology DX510 is connected to the Synology DiskStation using an eSATA cable with custom-designed connectors on both ends, ensuring a reliable connection and maximum throughput. The eSATA 3.0 Gb/sec definition allows the hard drives in the connected Synology DX510 to operate as they are the internal ones of the Synology DiskStation.

## Green & Easy to Manage

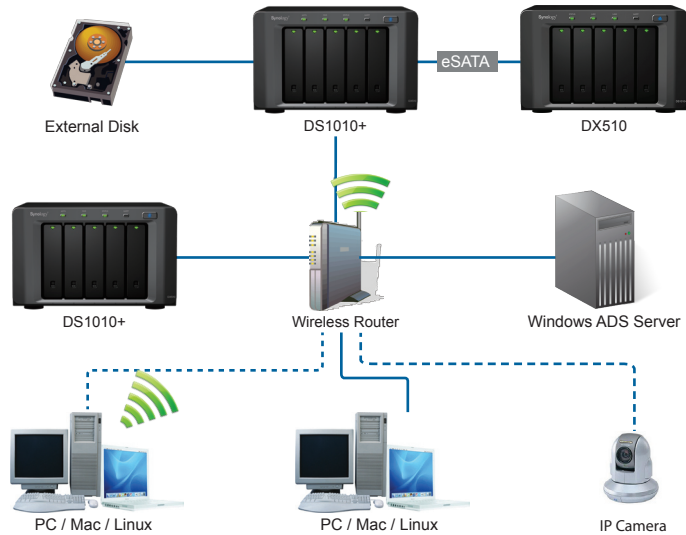
The HDD hibernation can be manually configured to take effect automatically when the system has been inactive for a period of time. This not only save energy but also extends the lifespan of the hard disk.

Synology DX510 is managed with the DiskStation firmware Synology DSM 2.3. No firmware installation is needed.

## CONNECTIONS & BUTTONS



## Networking



## SYNOLOGY INC.

Founded in 2000, Synology is a young and energetic company dedicated to developing high-performance, reliable, versatile, and environmentally-friendly Network Attached Storage (NAS) server products. Our goal is to deliver user-friendly solutions and solid customer service to satisfy the needs of businesses, home offices, individual users and families.

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<http://www.synology.com>

### Synology Inc.

3F-3, No. 106, Chang An W. Rd., Taipei, Taiwan  
Tel: +886 2 2552 1814 Fax: +886 2 2552 1824

### Synology AMERICA Corp.

2899 152nd Ave NE, Redmond, WA 98052, USA  
Tel: +1 425 818 1587

### Synology UK Ltd.

Bluepoint House  
Davy Avenue, knowlhill  
Milton Keynes, Bucks  
MK5 8PB, UK  
Tel: +44 01908 673 709

## Technical Specifications

### Hardware

- Internal HDD: 5X 3.5" SATA or 5X 2.5" SATA
- Hot-swappable HDD: Yes
- External HDD Interface: 1X eSATA
- Size: 157mm X 248mm X 233mm
- Weight: 4.10kg
- Fan: 2X (80mmx80mm)
- Noise Level: 30dB(A) (2500rpm)
- Power Recovery: Synchronized with the Synology DiskStation
- 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: -10°C to 70°C (15°F to 155°F)

- Relative Humidity: 5% to 95% RH
- Max Operating Altitude: 10,000 feet

### Power Consumption

- 59W (Access), 18W (HDD Hibernation)<sup>(1)</sup>

### RAID Management

- Volume Type: Basic, JBOD, RAID 0, RAID 1, RAID 10, RAID 5, RAID 5+Spare, RAID 6
- Managed with the Synology DSM 2.3

### Environment

- RoHS Compliant

### Package Content

- DX510 Main Unit
- User's Guide
- Assembling Kit
- AC Power Cord
- eSATA Cable

### Warranty

- 3 years

<sup>(1)</sup> Measured with 5 Seagate 750GB ST3750640N5 hard drives. The figures could vary on different environments.