

Product Specifications



# DX525

Synology

## Hardware Specifications

Applied Models	
Notes	To have better performance, we recommend creating storage volumes physically located within the same NAS or Expansion Unit, rather than creating volumes across your NAS and Expansion Unit.
Storage	
Drive Bays	5
Drive Type ( <a href="#">See all supported drives</a> )	<ul style="list-style-type: none"><li>• 3.5" SATA HDD</li><li>• 2.5" SATA SSD</li></ul>
Hot Swappable Drive*	v
RAID Management through Synology DSM	v
Notes	Compatible drives are mandatory. Please consult our <a href="#">compatibility list</a> before purchasing hard drives. For more details, please refer to <a href="#">this article</a> .
External Ports	
Expansion Port	1
Appearance	
Size (Height x Width x Depth)	166 mm x 230 mm x 223 mm
Weight	2.46 kg
Power	
Power Recovery	Synchronized with the Synology DiskStation
Power Supply Unit / Adapter	90 W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase

Power Consumption*	35.37 W (Access) 7.0 W (HDD Hibernation)
British Thermal Unit	120.69 BTU/hr (Access) 24.02 BTU/hr (HDD Hibernation)
Notes	For more information on how power consumption is measured, refer to <a href="#">this article</a> .

## Temperature

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

## Others

System Fan	92 mm x 92 mm x 2 pcs
Noise Level*	20.4 dB(A)
Notes	Noise testing was conducted with the Synology system fully installed with Synology SATA HDDs and in an idle state. Two G.R.A.S. Type 40AE microphones are placed at a 1 m distance from the front and rear of the device. Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%

## Certification

- FCC
- CE
- BSMI
- UKCA
- EAC
- VCCI
- RCM
- KC
- BIS

## Warranty

3-year hardware warranty, extendable to 5 years with [EW201](#) or [Extended Warranty Plus](#)

## Notes

- Availability varies by region. Before purchasing, please visit the official web pages of [EW201/202](#) and [Extended Warranty Plus](#) for a list of eligible regions.
- The warranty period starts from the purchase date as stated on your purchase receipt. ([Learn more](#))

## Environment & Packaging

### Environment

RoHS Compliant

### Packaging Content

- Main Unit X 1
- Expansion Cable: USB Type-C X1
- Accessory Pack X 1
- AC Power Adapter X 1
- AC Power Cord X 1

### Optional Accessories

- Enterprise Series 3.5" SATA HDD: [HAT5300 Series](#)
- Plus Series 3.5" SATA HDD: [HAT3300 Series](#)
- Enterprise Series 2.5" SATA SSD: [SAT5200 Series](#)