

Product Specifications

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# FX2421

Synology

# Hardware Specifications

Applied Models	
Supports creating volumes across different units	<ul style="list-style-type: none"><li>• FS series:FS6400, FS3600, FS3400</li></ul>
Notes	<ul style="list-style-type: none"><li>• Expansion Unit FX2421 can only be used with identical expansion units.</li><li>• 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.</li><li>• DSM version requirement: 6.2.3-25426-2 or later version.</li></ul>
Storage	
Drive Bays	24
Drive Type ( <a href="#">See all supported drives</a> )	<ul style="list-style-type: none"><li>• 2.5" SAS HDD</li><li>• 2.5" SAS SSD</li><li>• 2.5" SATA SSD</li></ul>
Hot Swappable Drive*	v
RAID Management through Synology DSM	v
Notes	<ul style="list-style-type: none"><li>• Synology only guarantees full functionality, reliability, and performance for Synology drives listed on the <a href="#">compatibility list</a>. The use of non-validated components may limit certain functionality and result in data loss and system instability.</li><li>• "Compatible drive type" indicates drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.</li></ul>

External Ports	
SAS IN-port	1
SAS OUT-port	1

Appearance	
Size (Height x Width x Depth)	88 mm x 430.5 mm x 692 mm
Size (Height x Width x Depth) (with server ears)	88 mm x 482 mm x 724 mm
Weight	14.5 kg
Rack Installation Support*	4-post 19" rack (Synology Rail Kit - <a href="#">RKS-02</a> )
Notes	The rail kit is sold separately

Power	
Power Supply Unit / Adapter	500 W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	190.99 W (Access)
British Thermal Unit	651.68 BTU/hr (Access)
Redundant Power Supply	v
Notes	Power consumption is measured when it is fully loaded with HGST 1.8TB HUC101818CS4204 hard drive(s).

## Temperature

Operating Temperature	0°C to 35°C (32°F to 95°F)
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Storage Temperature	-20°C to 60°C (-5°F to 140°F)
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Operating Humidity	8% to 80% RH
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Storage Humidity	5% to 95% RH
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## Others

System Fan	80 mm x 80 mm x 4 pcs
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Easy Replacement System Fan	v
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Noise Level*	57 dB(A)
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Notes	Noise Level Testing Environment: Fully loaded with Toshiba 600GB AL14SEB060N hard drive(s) in the idle state. Two G.R.A.S. Type 40AE microphones, each set up 1 meter away from the Synology NAS at the front and rear. Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%
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## Certification

- UL
- FCC
- CE
- EAC
- VCCI
- RCM
- KC

## Warranty

5 Years

## Notes

The warranty period starts from the purchase date as stated on your purchase receipt. ([Learn more](#))

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# Environment & Packaging

## Environment

RoHS Compliant

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## Packaging Content

- Main Unit X 1
  - Accessory Pack X 1
  - AC Power Cord X 2
  - Expansion Cable: MiniSAS-HD X 1
  - Quick Installation Guide X 1
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## Optional Accessories

- Enterprise Series 2.5" SATA SSD: [SAT5200 Series](#)
  - Rail Kit Sliding: [RKS-02](#)
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