

CAS-NASBOX-D4ES02-8G

Synology D4ES02-8G 8GB DDR4 ECC Unbuffered SO-DIMM RAM module

Product Overview

Synology D4ES02-8G 8GB DDR4 ECC unbuffered SO-DIMM RAM module, Compatible with --> 23 Series DS1823xs+ / DS923+ / DS723+ / 22 Series RS822rp+ / RS822+ / DS3622xs+ / DS2422+ / DS1522+ NAS Units



Specifications

Overview Summary:

Upgrade your NAS performance with the Synology 8GB DDR4 ECC SO-DIMM RAM module, engineered for reliability and seamless compatibility with select Synology 22 and 23 series devices. This error-correcting memory helps ensure data integrity while improving system responsiveness for demanding workloads. It's an ideal choice for businesses and power users who need dependable, long-term performance from their storage solutions.

Designed specifically for Synology NAS units, installation is straightforward, making it easy to expand your system's capabilities without hassle. Whether you're managing backups, virtualization, or multi-user environments, this upgrade enhances efficiency and stability. Buy now to keep your NAS running at optimal performance or shop now to future-proof your setup.

Performance tier:Mid-range reliable upgrade

Uses:NAS performance upgrade, data integrity improvement, multitasking enhancement, virtualization support, business storage systems

Overview:

High-Performance 8GB DDR4 ECC Memory Upgrade for Synology NAS

Designed to extend the capabilities of your Synology NAS, the D4ES02-8G 8GB DDR4 ECC unbuffered SO-DIMM delivers stable and efficient performance for demanding storage environments. Whether you are managing large data sets, running virtual machines, or handling multi-user access, this memory module enhances responsiveness and system reliability across supported 22 and 23 series NAS models.

Description:

ComX Computers

Product Specification Sheet

This 8GB DDR4 ECC unbuffered SO-DIMM module is engineered specifically for Synology NAS systems that require dependable memory performance. Built with error-correcting code technology, it detects and corrects memory errors in real time, reducing the risk of data corruption and improving overall system stability. Its optimized compatibility ensures seamless integration with select Synology devices, making it a practical upgrade for businesses and advanced users looking to improve multitasking, virtualization, and data handling efficiency.

Features:

Compatibility and Supported NAS Models

This module is validated for use with a range of Synology NAS units, ensuring consistent operation and optimal performance.

- 23 series models include DS1823xs+, DS923+, DS723+
- 22 series models include RS822RP+, RS822+, DS3622xs+, DS2422+, DS1522+

Careful compatibility alignment minimizes installation issues and ensures the memory operates within manufacturer specifications.

Reliable ECC Memory for Data Integrity

Error-correcting code memory plays a critical role in NAS environments where data integrity is non-negotiable. By automatically identifying and correcting memory errors, this module helps prevent system crashes and protects valuable data during continuous operation.

Key technical attributes:

- Memory type: DDR4 ECC unbuffered SO-DIMM
- Capacity: 8GB
- Form factor: Compact SO-DIMM for NAS systems
- EAN: 4711174724390

Optimized for Demanding Workloads

Upgrading to the D4ES02-8G improves system responsiveness in environments where multiple processes run simultaneously. It is particularly effective for:

- File indexing and large data transfers
- Virtual machine and container workloads
- Multi-user access scenarios
- Backup and replication tasks

The additional memory headroom reduces bottlenecks and allows your NAS to operate more efficiently under load.

Seamless Integration and Installation

Built to meet Synology's hardware standards, this RAM module integrates smoothly into supported systems. Installation is straightforward, making it suitable for both IT professionals and experienced users upgrading their NAS infrastructure.

For reference, the part number CAS-NASBOX-D4ES02-8G ensures accurate identification when sourcing or verifying compatibility for your setup.

Why Choose This Memory Upgrade

A targeted memory upgrade like this one enhances both performance and stability without requiring a full system replacement. With ECC protection and Synology-specific validation, it provides a dependable solution for maintaining consistent NAS performance in professional and home environments alike.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/CAS-NASBOX-D4ES02-8G-Synology-D4ES02-8G-8GB-DDR4-ECC-Buy-p-336949.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-12 11:34:32.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.