Product Datasheet

16GB DDR5 5600MHz SODIMM 1Rx8 Non-ECC 1.1V



- **Product Code:** OM16G55600SO1RX8NE11
- **Product EAN:** 5059902032348
- **Warranty:** 20 Years

Origin Storage 16GB DDR5 5600MHz SODIMM 1Rx8 Non-ECC 1.1V
Next-Generation DDR5 Memory for Laptops and Compact Business Systems

The Origin Storage 16GB DDR5 5600MHz SODIMM 1Rx8 Non-ECC memory module is designed to deliver next-generation performance for modern laptops and small form factor systems. Operating at 5600MHz, this DDR5 module provides significantly improved

bandwidth and efficiency compared to DDR4, enabling faster data processing and enhanced system responsiveness.

Engineered for UK IT procurement teams and enterprise deployments, this SODIMM module is ideal for upgrading newer-generation laptops and compact devices. With improved power efficiency and advanced memory architecture, it supports demanding business applications, multitasking environments and future-ready computing platforms.

Key Features

16GB DDR5 Memory Capacity

Provides high-performance memory capacity for multitasking, professional applications and business workloads.

5600MHz High-Speed Performance

Delivers significantly increased bandwidth compared to DDR4, improving system responsiveness and application performance.

SODIMM Form Factor

Compact memory design for laptops, mini PCs and small form factor enterprise systems.

1Rx8 Single Rank Configuration

Optimised for efficient performance and compatibility with modern laptop platforms.

Non-ECC Memory Design

Cost-effective solution for business and commercial environments where error correction is not required.

Low Power Operation (1.1V)

Improved energy efficiency compared to DDR4, supporting longer battery life and reduced power consumption.

Next-Generation Compatibility

Designed for systems supporting DDR5 memory, enabling future-ready upgrades and deployments.

Technical Specifications

Weight & Dimensions

Depth:	3.8 mm
Weight:	100 g

Operational Conditions

Operating Temperature (T-T):	0 - 85 °C
Storage Temperature (T-T):	-25 - 95 °C
Operating Relative Humidity (H-H):	10 - 80%
Storage Relative Humidity (H-H):	10 - 85%

Software

Windows Operating Systems Supported:	Yes
Linux Operating Systems Supported:	Yes

Other Features

Warranty Period:	20 year(s)

Features

Internal Memory:	16 GB
Memory Layout (modules X Size):	1 x 16 GB
Internal Memory Type:	DDR5
Component For:	Laptop
Memory Form Factor:	262-pin SO-DIMM
ECC:	No
Memory Clock Speed:	5600 MHz
Memory Ranking:	1
Memory Voltage:	1.1 V
Backlight:	No

Features

JEDEC Standard:	Yes

Sustainability

Compliance Certificates:	RoHS, CE, UKCA, Federal Communications Commission (FCC), REACH

Origin Storage Limited

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