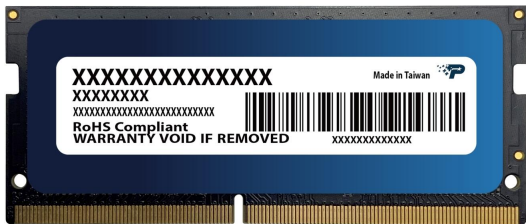
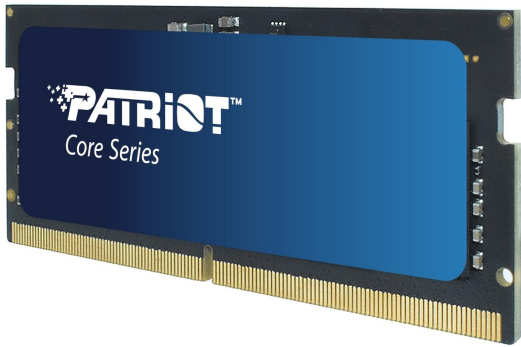


PSC512G56041HS

Patriot Core Series 12GB DDR5-5600 262pin CL46 1.1V SO-DIMM Notebook Memory

Product Overview

Patriot Core Series 12GB DDR5-5600 262pin CL46 1.1V SO-DIMM Notebook Memory, 46-46-46-90 timings



Specifications

Overview Summary:

Upgrade your laptop with the Patriot Core Series 12GB DDR5 5600MHz SO-DIMM and enjoy faster everyday computing with smoother multitasking. Designed for modern notebooks, this memory upgrade helps applications load quicker and keeps your system responsive during demanding workloads. It's an easy way to refresh your laptop's performance without replacing the whole device.

Ideal for students, professionals, and gamers in South Africa, this DDR5 notebook memory delivers reliable speed and efficient power use for daily tasks and intensive applications alike. If you're ready to boost your laptop experience, buy now and enjoy a noticeable improvement in performance.

Performance tier:High-performance

Uses:Laptop memory upgrades, multitasking, gaming laptops, content creation, professional workloads

Overview:

Upgrade your laptop's performance with faster loading times and smoother multitasking, ideal for demanding applications, creative workloads, and gaming in South Africa. Designed to keep modern notebooks responsive, this memory upgrade helps reduce lag while improving everyday productivity and system fluidity.

Description:

The Patriot Core Series 12GB DDR5 notebook memory delivers high-speed performance and efficient power use for modern laptops. With a fast 5600MHz data rate, compact SO-DIMM design, and low-voltage operation, it supports smoother multitasking, quicker application launches, and improved overall system responsiveness for students, professionals, and gamers.

Features:

High-speed notebook memory for modern workloads

Built on advanced DDR5 technology, this memory module runs at 5600MHz to move data faster and more efficiently than earlier generations. Applications open sooner, system responsiveness improves, and heavy workloads feel noticeably smoother. For users pushing their notebooks with current software, this upgrade provides a meaningful performance lift without unnecessary complexity.

Balanced capacity for multitasking and productivity

With 12GB of memory available, your laptop can comfortably manage multiple applications at once. From large spreadsheets and creative software to development tools and browser-heavy workflows, this capacity helps prevent slowdowns caused by memory limits. The single-module configuration also leaves room for future expansion if your needs grow.

Designed for compatibility and efficient power use

The standard 262-pin SO-DIMM format ensures compatibility with a wide range of modern laptops. Operating at just 1.1V, the module is optimized for lower power consumption, supporting efficient thermal performance during long sessions. Stable operation across a wide temperature range makes it suitable for daily use in both work and play environments.

Key advantages at a glance:

- Boost notebook speed with DDR5 memory running at 5600MHz
- Handle multitasking smoothly with a 12GB capacity
- Compatible with modern laptops using the 262-pin SO-DIMM format
- Designed for stable operation with DDR5 non-ECC unbuffered technology
- Supports efficient power use thanks to low-voltage operation

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Product Specification Sheet

Technical details

- Memory type: DDR5 non-ECC unbuffered
- Module size: 12GB single module
- Speed rating: 5600MT/s (PC5-44800)
- Memory timings: 46-46-46-90
- Form factor: 262-pin SO-DIMM
- Operating voltage: 1.1V
- Dimensions: 6.9 x 3 x 0.3 cm
- Weight: 9.5 g

Included in the package

- Patriot Core Series 12GB DDR5 5600MHz SO-DIMM notebook memory module

Why choose Patriot memory

Patriot focuses on delivering dependable, high-performance memory solutions that help users get more from their hardware. With a strong emphasis on consistency, efficiency, and modern standards, Patriot memory upgrades are a practical choice for South African notebook users looking to enhance everyday computing performance.

Specifications:

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Specifications

Product Code	PSC512G56041HS
Form Factor	262-Pin Small Outline Dual In-Line Memory Module (SODIMM)
Technology	DDR5 Non-ECC Unbuffered
Capacity	12GB (1x 12GB)
Frequency	5600MT/s (PC5-44800)
Timings	46-46-46-90
VDD Voltage	1.1v
Product Dimensions	6.9 x 3 x 0.3 cm
Product Weight	9.5g

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/PSC512G56041HS-Patriot-Core-Series-12GB-DDR5-5600-262pin-Buy-p-334568.php>

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Product Specification Sheet

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