Samsung_PM991A256GB2230

Samsung PM991A 256GB M.2 2280 PCI-e 3.0 x4 NVMe Solid State Drive - OEM

Product Overview

Samsung PM991A 256GB M.2 2280 PCI-e 3.0 x4 NVMe Solid State Drive - OEM, 3100 MB/s Read Speed, 1300 MB/s Write Speed, MZ9LQ256NBJD



Specifications

Overview Summary:

Upgrade your system with the Samsung PM991A 256GB NVMe SSD, designed to deliver fast and reliable performance for everyday computing. With impressive read speeds of up to 3100MB/s and write speeds up to 1300MB/s, this M.2 2280 drive significantly improves boot times, file transfers, and overall responsiveness. It's a solid choice for users looking to enhance laptop or desktop performance without overspending.

Compact and efficient, this OEM Samsung SSD fits seamlessly into compatible devices and offers dependable storage for work, study, or entertainment. Whether you're replacing an older drive or building a new system, this is a practical upgrade. Buy now and enjoy faster computing with trusted Samsung quality.

Performance tier: Mid-range

Uses:OS installation, everyday computing, laptop upgrades, desktop storage expansion, faster boot drives

Overview:

Samsung PM991A 256GB NVMe SSD Performance and Efficiency
The Samsung PM991A 256GB NVMe SSD is built to deliver fast, consistent storage performance in a compact M.2 form factor. Designed for modern systems that demand speed and responsiveness, this PCIe 3.0 x4 drive offers reliable data access and efficient multitasking. With strong read and write capabilities, it is well suited for everyday computing, system upgrades, and lightweight professional workloads.

Description:

The Samsung PM991A 256GB SSD provides a balance of speed, efficiency, and compact design for laptops and desktops using M.2 interfaces. It enables faster boot times, quick file transfers, and smoother application performance compared to

traditional storage. Its NVMe architecture ensures reduced latency and improved bandwidth, making it a practical choice for users looking to enhance system responsiveness without increasing power consumption or heat output.

Features:

Performance You Can Rely On
Built on PCIe 3.0 x4 NVMe technology, the drive reaches read speeds of up to 3100 MB/s and write speeds of up to 1300 MB/s. This level of throughput significantly reduces loading times and improves overall system fluidity. Whether launching applications, transferring files, or handling everyday tasks, the performance uplift is immediately noticeable.

The PM991A is particularly effective in environments where quick data access is critical, such as office productivity, light content creation, and multitasking scenarios.

Compact M.2 Design for Broad Compatibility
With its M.2 2280 form factor, this SSD fits seamlessly into a wide range of laptops and desktops. The slim profile allows for easy integration into space-constrained systems while maintaining efficient thermal performance. As an OEM drive, it is commonly found in prebuilt systems but remains a strong upgrade option for compatible devices.

Key Technical Details

- Capacity: 256GB
- Interface: PCIe 3.0 x4 NVMe
- Form factor: M.2 2280
- Sequential read speed: up to 3100 MB/s
- Sequential write speed: up to 1300 MB/s
- Model code: MZ9LQ256NBJD
- Part number / SKU: Samsung_PM991A256GB2230

Efficient Storage for Everyday Computing
The Samsung PM991A focuses on delivering stable and efficient storage performance without unnecessary complexity. It is optimized for low power consumption, making it suitable for laptops where battery life matters. At the same time, it maintains enough speed to handle daily workloads with ease.

For users upgrading from traditional hard drives or older SATA SSDs, the difference in speed and responsiveness is substantial. The drive supports faster system startup, smoother software operation, and improved overall productivity.

Why Choose the Samsung PM991A 256GB
This SSD stands out as a practical solution for users seeking dependable NVMe performance in a compact format. It combines solid speed, proven reliability, and efficient operation, making it ideal for general use systems, business environments, and entry-level performance upgrades.

With part number Samsung_PM991A256GB2230, it is easy to identify and source for system builds or replacements, ensuring compatibility and consistency across deployments.

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/Samsung_PM991A256GB2230-Samsung-PM991A-256GB-M-2-2280-PCI-e-3-0-x4-NVMe-Solid-State-p-337206.php

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