

WD_SN740_256GB_2230

Western Digital SN740 256GB M.2 2230 PCI-e Gen4 x4 NVMe Solid State Drive - oem

Product Overview

Western Digital SN740 256GB M.2 2230 PCI-e Gen4 x4 NVMe Solid State Drive - oem, 4000 MB/s read speed, 2000 MB/s write speed



Specifications

Overview Summary:

Upgrade your laptop or compact PC with the Western Digital SN740 256GB M.2 2230 PCIe Gen4 NVMe SSD. Delivering read speeds of up to 4000MB/s and write speeds of up to 2000MB/s, it provides responsive boot times, faster application loading, and reliable everyday performance in a compact M.2 2230 form factor.

Designed for thin and lightweight systems, this SSD combines high-speed PCIe Gen4 performance with power efficiency for modern computing. Buy now to enjoy a dependable internal storage upgrade, or shop now for a fast and efficient NVMe SSD suited to compatible laptops and small form factor devices.

Performance tier:Mid-range PCIe Gen4 NVMe SSD

Uses:Laptop storage upgrades, operating system installation, faster boot drives, everyday computing, business laptops, compact PCs, application storage

Overview:

High-Speed Storage for Compact PCs and Laptops

The Western Digital SN740 256GB M.2 2230 PCIe Gen4 x4 NVMe Solid State Drive is built for modern laptops, mini PCs, and other compact devices that require fast, power-efficient storage. Combining impressive PCIe Gen4 performance with a compact M.2 2230 form factor, it delivers the speed needed for demanding applications while helping improve system responsiveness and battery efficiency.

Description:

Designed for users who need dependable everyday performance, the Western Digital SN740 offers rapid boot times, faster application loading, and smooth file transfers. Its advanced PCIe Gen4 interface provides a significant performance upgrade

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Product Specification Sheet

over previous-generation SSDs, making it an excellent choice for system upgrades, replacements, or new compact builds. Developed using Western Digital's in-house controller, 3D NAND technology, and firmware, the drive delivers reliable performance in a space-saving design.

Features:

Why Choose the Western Digital SN740

Whether you are upgrading an ultrabook, replacing an existing SSD, or building a compact system, the SN740 is engineered to balance speed, efficiency, and reliability. Its PCIe Gen4 x4 architecture enables faster data access while maintaining lower power consumption, making it suitable for thin and lightweight devices, including systems designed around Intel Evo platform requirements.

Unlike larger drives, the M.2 2230 form factor fits a wide range of modern compact devices without compromising storage performance.

Performance Highlights

- Capacity: 256GB
- M.2 2230 form factor
- PCIe Gen4 x4 NVMe interface
- Sequential read speeds up to 4000 MB/s
- Sequential write speeds up to 2000 MB/s
- Optimised for thin and lightweight laptops
- Low power consumption for improved efficiency
- Built with Western Digital controller, firmware, and 3D NAND technology

Built for Everyday Productivity

The SN740 helps accelerate common computing tasks including operating system boot-up, software launches, document editing, content creation, and large file transfers. Its efficient design also makes it a suitable storage solution for mobile professionals, students, and business users looking for dependable high-speed performance in compact devices.

Western Digital has engineered the SN740 as a fully integrated storage solution, combining hardware and firmware developed in-house to deliver consistent operation across a variety of workloads.

Ideal Applications

- Ultrabooks and lightweight laptops
- Mini PCs
- Compact desktop systems
- Business notebooks
- Mobile workstations
- General productivity upgrades

Technical Information

- Brand: Western Digital
- Model: SN740
- Part Number / SKU: WD_SN740_256GB_2230
- Storage Capacity: 256GB
- Interface: PCIe Gen4 x4 NVMe
- Form Factor: M.2 2230
- Maximum Read Speed: Up to 4000 MB/s
- Maximum Write Speed: Up to 2000 MB/s

When ordering or requesting compatibility assistance, reference Part Number WD_SN740_256GB_2230 to ensure you receive the correct Western Digital SN740 256GB M.2 2230 PCIe Gen4 NVMe SSD.

Specifications:

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Specifications	
Product Code	WD_SN740_256GB_2230
Capacity	256GB
Form Factor	M.2 2230 S3-M
Connector	M.2
Sequential Read Performance	4000MB/s
Sequential Write Performance	2000MB/s
Random Read	240K IOPS
Random Write	470K IOPS
Interface	PCIe Gen4 x4, NVMe v1.4b
Security	TCG Pyrite
Endurance (TBW)	200
Dimensions (L x W x H)	30mm x 22mm x 2.38mm
Weight	2.8gms
Model Number	SDDPTQD-256G
Operating Temperature	0degreesC to 85degreesC
Non-Operating Temperature	-40degreesC to 85degreesC
Certifications	Windows HLK, FCC, UL, TUV, KCC, BSMI, VCCI
Product Features	A drive that resets expectations in performance with scalable NVMe architecture
	PCIe Gen4x4 compatibility to provide higher performance with lower power draw
	Designed with Western Digital's in-house controller, 3D NAND, and firmware

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:
Product page: https://www.comx.co.za/WD_SN740_256GB_2230-Western-Digital-SN740-256GB-M-2-Buy-p-338854.php

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