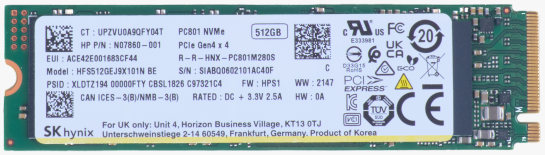
HP 512GB PCIe-4x4 Solid State Drive

The Speed and Space You Need

Upgrade your capacity for uninterrupted, undeterred, unbelievably fast speed and high performance with this HP 512 GB PCIe-4x4 NVMe Solid State Drive.[1] Make way for everything you need to get done, at once, with state-of-the-art processing power.



*Product image may differ from actual product

More Storage, More Everything

Expand your laptop's storage for speed, space, and seamless productivity. With the HP 512 GB PCIe-4x4 NVMe Solid State Drive, you'll have plenty of room to work, play, and multitask with ease.[1] Open your workspace for more and start thinking about storage less.

Powerfully Efficient

Upgrading to this 512 GB SSD doesn't just expand your RAM, it increases the overall computing power of your HP laptop, opening the floodgates of speed.[1] It's also extremely efficient, so all that power doesn't drain your battery instantly or heat everything up.

Durable. Reliable. Undeniable.

Invest in genuine HP-branded SSD that's tested,[2] certified, and built for HP laptops. Robust and reliable, this product even comes with a 3-year limited warranty, just in case.

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Featuring

Power Through the Day
This speedy solid state drive lets you multitask, toggle, and shift between all your applications quickly. Upgrade now and leave waiting behind.

Easy Installation
Follow the extremely easy visual steps to install your brand new SSD in minutes. You don't need to contact IT or take in your laptop, just follow the instructions and get ready to power up a new level of speed.

HP Quality
Engineered to ensure the maximum quality and reliability that comes with decades of innovation. Get the storage you need.

HP-Tested with a 3-Year Warranty
Stay focused on what matters. Invest in genuine HP-branded SSD that's tested and certified for HP laptops, with a handy 3-year limited warranty, just in case.[2]

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Specifications

Product number	B8BD5AA
Supported platforms	HP EliteBook X G1i 14 inch Notebook Next Gen AI PC; HP EliteBook X Flip G1i 14 inch Notebook Next Gen AI PC; HP ZBook Ultra G1a 14 inch Mobile Workstation PC; HP EliteBook 8 G1i 13 inch Notebook AI PC; HP EliteBook 8 G1i 14 inch Notebook AI PC; HP EliteBook 8 G1i 16 inch Notebook AI PC; HP EliteBook 8 Flip G1i 13 inch Notebook AI PC; HP ZBook 8 G1i 14 inch Mobile Workstation PC; HP ZBook 8 G1i 16 inch Mobile Workstation PC; HP EliteBook 6 G1i 13 inch Notebook AI PC; HP EliteBook 6 G1i 14 inch Notebook AI PC; HP EliteBook 6 G1i 16 inch Notebook AI PC; HP EliteBook 6 G1q 14 inch Notebook Next Gen AI PC; HP EliteBook 8 G1a 13 inch Notebook AI PC; HP EliteBook 8 G1a 14 inch Notebook AI PC; HP EliteBook 8 G1a 16 inch Notebook AI PC; HP EliteBook 8 G1a 13 inch Notebook Next Gen AI PC; HP EliteBook 8 G1a 14 inch Notebook Next Gen AI PC; HP EliteBook 8 G1a 16 inch Notebook Next Gen AI PC; HP EliteBook 6 G1a 14 inch Notebook AI PC; HP EliteBook 6 G1a 16 inch Notebook AI PC; HP EliteBook 6 G1a 14 inch Notebook Next Gen AI PC; HP ZBook 8 G1ah 14 inch Mobile Workstation PC; HP ZBook 8 G1ak 14 inch Mobile Workstation PC; HP ZBook 8 G1as 14 inch Mobile Workstation PC; HP EliteBook 8 G1i 14 inch Notebook Next Gen AI PC; HP EliteBook 8 G1i 16 inch Notebook Next Gen AI PC; HP ZBook Fury G1i 16 inch Mobile Workstation PC; HP ZBook Fury G1i 18 inch Mobile Workstation PC;HP ZBook X G1i 16 inch Mobile Workstation PC;HP ZBook 9 G1i 16 inch Notebook PC; HP EliteBook 6 G1iR 14 inch Notebook PC; HP EliteBook 6 G1iR 16 inch Notebook PC; HP EliteBook X G1a 14 inch Notebook Next Gen AI PC; HP EliteBook Ultra G1i 14 inch Notebook Next Gen AI PC
UPC number	198990490267
JAN code	4582712603787
Supported operating systems	Windows 10 , Windows 11
Capacity native	512 GB[1]
Form factor	M.2 2280
Storage controller	PCI Express Gen4 x4
System Requirements, Minimum	M.2 port
Warranty	HP Three-year limited warranty
What's in the box	Solid state drive; Quick start poster; Warranty card; Screw; Tube; Paper bag
Country of origin	Made in China, Taiwan and Vietnam
Dimensions (W x D x H)	80 x 22 x 1.5 mm
Weight	8 g
Package dimensions (W x D x H)	232 x 148 x 10 mm
Package weight	60 g
Master carton quantity	18
Master carton dimensions (W x D x H)	29.6 x 19.7 x 25.1 cm
Master carton weight	1.32 kg
Carton per layer	20
Pallet (layers)	5
Carton per pallet	100
Products per layer	360
Products per pallet	1800
Pallet weight	152 kg
Sustainable impact specifications	30% post-consumer recycled plastic; 100% of HP paper-based packaging is from recycled or certified sustainable sources [2,3]
Operating temperature range	

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Footnotes

Messaging Footnotes

[1] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less.
[2] HP Total Test Process testing is not a guarantee of future performance under these test conditions.

Technical Specifications Footnotes

[1] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less.
[2] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
[3] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT® standard for computers, IEEE 1680.1-2018 standard.

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