

HP 512 GB PCI-e 3x4 NVMe M2 SSD



Expand your capacity

Maximize your storage capacity with the HP 512 GB PCI-e 3X4 NVME M2 SSD that removes mechanical barriers to high performance with no moving parts and helps keep your data safe.

Maximize storage for your laptop

Add more storage to your HP or Z laptop¹ with the HP 512 GB PCI-e 3X4 NVME M2 SSD that matches the quality and performance of your factory-configured SSD.

High performance

A storage solution with no moving parts that removes mechanical barriers to high performance and runs cool and quiet.

Safe storage

Help keep your data safe with integrated 512 bit encryption that meets Trusted Computing Group Opal protocols.

World-class support

Rest easy with a one-year limited warranty.

1. Compatible with the HP laptops listed below

Specifications

HP 512 GB PCI-e 3x4 NVMe M2 SSD

Part number	1D0H7AA
Dimensions	0.86 x 3.14 x 0.09 in (2.2 x 8 x 0.23 cm)
Weight	0.01 lb (8 g)
Capacity	512GB
Form Factor	M.2 2280
Reliability (MTTF)	1,500,000 hours
Interface	PCIe Gen3x4
Synchronous Transfer Rate (Maximum)	32 GT/s
Operating Temperature	0 to 85 °C
Performance	
	Sequential Read 3,100 MB/s
	Sequential Write 2,800 MB/s
Compatibility	HP ZBook 15 G5 Mobile Workstation, HP ZBook 15 G5 Mobile Workstation, HP ZBook 17 G6 Mobile workstation, HP EliteBook x360 1040 G6 Notebook PC, HP EliteBook x360 1040 G5 Notebook PC, HP EliteBook x360 1030 G3 Notebook PC, HP EliteBook 830 G6 Notebook PC, HP ProBook 640 G4 Notebook PC, HP ProBook 650 G4 Hex Core Notebook PC, HP ProBook 650 G4 Notebook PC, HP ProBook 640 G5 Notebook PC, HP ProBook 650 G5 Notebook PC, HP EliteBook 840 G5 Notebook PC, HP EliteBook 850 G5 Notebook PC, HP EliteBook 840 G6 Notebook PC, HP EliteBook 850 G6 Notebook PC, HP EliteBook 840r G4 Notebook PC, HP Elite Dragonfly Notebook PC, HP EliteBook 840 G6 Healthcare Edition Notebook PC, HP EliteBook 840 G5 Healthcare Edition Notebook PC, HP EliteBook 735 G6 Notebook PC, HP EliteBook 735 G5 Notebook PC, HP EliteBook x360 830 G6 Notebook PC, HP EliteBook x360 830 G7 Notebook PC, HP ZHAN 66 Pro 15 G2 Notebook PC, HP ZHAN 66 Pro 13 G2 Notebook PC, HP ZHAN 66 Pro 14 G2 Notebook PC, HP ZHAN X 13 G2 Notebook PC, HP EliteBook 830 G5 Notebook PC, HP EliteBook 745 G6 Notebook PC, HP ProBook 645 G4 Notebook PC, HP EliteBook 745 G5 Notebook PC, HP EliteBook 755 G5 Notebook PC, HP ZBook 15 G6 Mobile Workstation, HP ZBook 15 G5 Mobile Workstation, HP ZBook 14u G6 Mobile Workstation, HP EliteBook 1050 G1 Notebook PC, HP ZBook 15u G6 Mobile Workstation, HP EliteBook x360 830 G5 Notebook PC, HP ProBook 445R G6 Notebook PC, HP ProBook 455R G6 Notebook PC, HP ProBook 445 G6 Notebook PC, HP ProBook 440 G6 Notebook PC, HP ProBook 450 G7 Notebook PC, HP ProBook 430 G7 Notebook PC, HP ProBook x360 440 G1 Notebook PC, HP ProBook 430 G6 Notebook PC, HP ProBook 450 G6 Notebook PC, HP ProBook 455 G6 Notebook PC, HP ProBook 440 G7 Notebook PC
Warranty	One-year limited warranty.
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