



# HP 512GB PCIe-4x4 NVMe Solid State Drive (ALOM8AA)

## Overview

### The Speed and Space You Need



Upgrade your capacity for uninterrupted, undeterred, unbelievably fast speed and high performance. With the 512 GB PCIe-4x4 NVMe M.2 SSD, upgrade your computers performance to the next level. Make way for all the things you need to get done, at once, with state-of-the-art processing power.

### More Storage, More Everything

Expand your laptop's storage for speed, space, and seamless productivity. With the 512 GB[1] PCIe-4x4 NVMe M.2 SSD, you'll have plenty of room to work and play and multitask with ease. Open your workspace for more and start thinking about computer storage less.

### Powerfully Efficient

Upgrading to 512 GB[1] PCIe-4x4 NVMe M.2 SSD doesn't just expand your RAM, it increases the overall computing power of your HP laptop—opening the floodgates of speed and giving every part more room to think. 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.

### Build for a better tomorrow

Innovating with purpose and intention to drive impactful, positive, lasting change.

## Features

### 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 warranty, just in case.<sup>[2]</sup>

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*[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.*

# Specifications

Minimum 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
Sustainable impact specifications	Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 30% post-consumer recycled plastic
Minimum System Requirements	M.2 port
UPC number	198701274223
Manufacturer Warranty	HP Three-year limited warranty
What's in the box	Solid state drive; Quick start poster; Warranty card; Screw; Tube; Paper bag

## Additional specifications

Capacity native	512 GB <sup>[1]</sup>
Cartons per layer	20
Cartons per pallet	100
Compatibility	HP EliteBook 630 13.3 inch G11 Notebook PC; HP EliteBook 640 14 inch G11 Notebook PC; HP EliteBook 660 16 inch G11 Notebook PC; HP EliteBook 645 14 inch G11 Notebook PC; HP EliteBook 665 16 inch G11 Notebook PC; HP EliteBook 830 13 inch G11 Notebook PC; HP Elite x360 830 13 inch G11 2-in-1 Notebook PC; HP EliteBook 840 14 inch G11 Notebook PC; HP EliteBook 860 16 inch G11 Notebook PC; HP EliteBook 835 13 inch G11 Notebook PC; HP EliteBook 845 14 inch G11 Notebook PC; HP EliteBook 865 16 inch G11 Notebook PC; HP EliteBook 1040 14 inch G11 Notebook PC; HP Elite x360 1040 14 inch G11 2-in-1 Notebook PC; HP ZBook Power 16 inch G11 Mobile Workstation PC; HP ZBook Power 16 inch G11 A Mobile Workstation PC; HP ZBook Fury G11 Mobile Workstation PC; HP ZBook Firefly 14 inch G11 Mobile Workstation PC; HP ZBook Firefly 16 inch G11 Mobile Workstation PC; HP ZBook Firefly 14 inch G11 A Mobile Workstation PC
Compatible Operating Systems	Windows 10 , Windows 11
Datasheet photo 1	AHID/169a68ddb6d2fb7da5bf6be0f7f183fa3cea624b
Operating temperature range	0 to 70°C
Operating temperature range	32 to 158°F
Pallet (layers)	5
Pallet weight	179.8 kg
Products per pallet	1800
Products per pallet layer	360
Storage controller	PCI Express Gen4 x4
Supported drives form factor	M.2 2280
UNSPSC code	43201830

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