



Intel® Optane™ Persistent Memory 512GB Module

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Product Collection	Intel® Optane™ Persistent Memory
Code Name	Products formerly Apache Pass
Capacity	512 GB
Status	Launched
Launch Date ?	Q2'19

Reliability

Operating Temperature (Maximum)	85 °C
Mean Time Between Failures (MTBF) ?	2 million hours
Warranty Period ?	5 yrs

Supplemental Information

Additional Information	View now
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Package Specifications

Form Factor ?	Persistent Memory Module (PMem)
Interface ?	DDR-T

Advanced Technologies

Hardware Encryption ?	AES 256 bit
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Ordering and spec information

Intel® Optane™ Persistent Memory 512GB Module (1.0) 4 Pack

MM#	999AW1
Ordering Code	NMA1XXD512GPSU4

Intel® Optane™ 512GB Persistent Memory Module (1.0) 50 Pack

MM#	999AW2
Ordering Code	NMA1XXD512GPSUF

Trade compliance information

ECCN	5A992CN3
CCATS	G159019
US HTS	8473301140

PCN/MDDS Information

999AW1	PCN MDDS
999AW2	PCN

More support options for Intel® Optane™ Persistent Memory 512GB Module

<p>Product Support</p>	<p>Downloads and Software</p>	<p>Support Community</p>	<p>Warranty and Replacement</p>
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Refer to Datasheet for formal definitions of product properties and features.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

*Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.