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Dell EMC PowerStore Drive and OS Compatibility Matrix

To function properly, drives installed in a Dell EMC PowerStore appliance require that the appliance be running the minimum required revision of the PowerStore Operating Software (OS). This document lists the drive part numbers supported for PowerStore appliances and the minimum software revisions required for each, if applicable.

Note: Dell EMC PowerStore appliances use their own unique drive part numbers and ordering models. Moving or using expansion enclosures and/or drives from legacy storage products is not supported at this time.

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Revision History

Document revision	Date	Comments	
A00	October 2021	Original release version	
A01	March 2022	Added NEBs drives, and new 3840 GB, 7680 GB SAS drives	
A02	July 2022	Added new Gen2 models and notes regarding 25x2.5" NVMe expansion enclosure	

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Dell EMC PowerStore Drive and OS Compatibility Matrix

NVMe SSD for use in 25 x 2.5" base & expansion enclosures¹

Drive Capacity	Part Number	Model	Minimum OS Version Required
	005053076	500T	
	005053077	1000T / 1000X / 1200T	
1920 GB	005052919	3000T / 3000X / 3200T	N/A
1920 GB	005052920	5000T / 5000X / 5200T	IN/A
	005053702	7000T / 7000X	
	005053703	9000T / 9000X / 9200T	
	005053078	500T	
	005053079	1000T / 1000X / 1200T	
3840 GB	005052921	3000T / 3000X / 3200T	N/A
3840 GB	005052922	5000T / 5000X / 5200T	IN/A
	005053704	7000T / 7000X	
	005053705	9000T / 9000X / 9200T	
	005053080	500T	
	005053081	1000T / 1000X / 1200T	
7680 GB	005052923	3000T / 3000X / 3200T	N/A
	005052924	5000T / 5000X / 5200T	IN/A
	005053706	7000T / 7000X	
	005053707	9000T / 9000X / 9200T	
	005053082	500T	
	005053083	1000T / 1000X / 1200T	
45260 CD	005052925	3000T / 3000X / 3200T	NI/A
15360 GB	005052926	5000T / 5000X / 5200T	N/A
	005053708	7000T / 7000X	
	005053709	9000T / 9000X / 9200T	

¹ PowerStore OS 3.0.0.0 is required for support of 24x2.5" NVMe expansion enclosure.

NVMe Storage Class Memory (SCM) for use in 25x2.5" base enclosure²

Drive Capacity	Part Number	Model	Minimum OS Version Required
375 GB		500T	
		1000T / 1000X / 1200T	
	005053027	3000T / 3000X / 3200T	NI/A
	005053028	5000T / 5000X / 5200T	N/A
		7000T / 7000X	
		9000T / 9000X / 9200T	
		500T	
		1000T / 1000X / 1200T	
750 GB	005053029	3000T / 3000X / 3200T	N/A
7 30 GD	005053030	5000T / 5000X / 5200T	N/A
		7000T / 7000X	
		9000T / 9000X / 9200T	
1500 GB		500T	
		1000T / 1000X / 1200T	
	005053031	3000T / 3000X / 3200T	2.0.0.0
	005053032	5000T / 5000X / 5200T	2.0.0.0
		7000T / 7000X	
		9000T / 9000X / 9200T	

² Note that SCM devices are supported in the NVMe base enclosure only. SCM is not to be installed/used in NVMe expansion enclosure.

SAS SSD for use in 25 x 2.5" expansion enclosure

Drive Capacity	Part Number	Model	Minimum OS Version Required
1920 GB ³	005033007 005033008 005053625 005053626 005053742 005053743	1000T / 1000X 3000T / 3000X 5000T / 5000X 7000T / 7000X 9000T / 9000X	N/A
3840 GB	005033009 005033010 005053627 005053628 005053744 005053745	1000T / 1000X 3000T / 3000X 5000T / 5000X 7000T / 7000X 9000T / 9000X	N/A
7680 GB	005054005 005033011 005033012 005053629 005053630 005053746 005053747	1000T / 1000X 3000T / 3000X 5000T / 5000X 7000T / 7000X 9000T / 9000X	2.1.0.0 N/A
	005054006		2.1.0.0

NEBS certified NVMe SSD for use in 25x2.5" DC-powered base enclosure

Drive Capacity	Part Number	Model	Minimum OS Required
1920 GB	005050494	500T	2.1.0.0
3840 GB	005050493	500T	2.1.0.0

³ 1.92TB SAS FIPS for use in 25x2.5" SAS expansion enclosure was taken EOL in June 2021 for low sales. Use the 3.84TB SAS FIPS drive in its place for APOS expansion and field service break-fix replacements.

Where to get help

The Dell Technologies Support site (https://www.dell.com/support) contains important information about products and services including drivers, installation packages, product documentation, knowledge base articles, and advisories.

A valid support contract and account might be required to access all the available information about a specific Dell Technologies product or service.

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