



EMC[®] VNXe[®] 3200 Series Storage Systems

Disk and OE Matrix

To function properly, disks in an EMC[®] VNXe[®] 3200 system require that each storage processor run minimum revisions of the Operating Environment (OE). This document lists the disk part numbers supported for VNXe series storage systems and the minimum software revisions required for each disk model.

The disk part number (PN) appears on a label on the front of the disk carrier. Note that although the OE GUI may display an alpha suffix at the end of the PN (like EFD) these characters are not part of the actual orderable PN.



CAUTION

Verify that the proper version of the OE is running on the storage system before installing any disk drives. Results ranging from non-recognition of the drives to data loss may occur if an improper OE version is installed.

VNXe 3200 series storage systems

Before installing a new disk in a storage system, use EMC Unisphere® to determine the OE revision running on the storage system. In Unisphere, the OE revision can be found by navigating to **Settings --> More Configuration --> Update Software**. The OE revision appears on the **Software** tab in the **Software Version** dialog box. If this revision is lower than the minimum revision required for the disk, as listed in Table 1 or Table 2, you must upgrade the OE on the storage system before installing the disk. EMC recommends that you upgrade the OE from the **Update Software** page in EMC Unisphere, though you can use the Unisphere CLI.

Note 1: VNXe3200 drives do not support Spin Down.

Note 2: All drives listed in this document are RoHS compliant.

Table 1 VNXe3200 3.5" 12-Slot Enclosures:

Disk Capacity	Model Number (NEBS Model)	Part Number	NEBS?	Drive Type	Spindle Speed	Platform	Minimum OE Software Revision
100 GB	V6-PS6F-100 (N6-PS6F-200)	005050427 005050873 005050506	YES YES YES	6Gb SAS SSD	NA	VNXe3200	3.0.0.2960754
100 GB	V6-PS6FX-100 (N6-PS6FX-100)	005050424 005050537	YES YES	6Gb SAS SSD	NA	VNXe3200	3.0.0.2960754
200 GB	V6-PS6F-200 (N6-PS6F-200)	005050428 005050874 005050507	YES YES YES	6Gb SAS EFD	NA	VNXe3200	3.0.0.2960754

Disk Capacity	Model Number (NEBS Model)	Part Number	NEBS?	Drive Type	Spindle Speed	Platform	Minimum OE Software Revision
200 GB	V6-PS6FX-200 (N6-PS6FX-200)	005050425 005050538	YES YES	6Gb SAS SSD	N/A	VNXe3200	3.0.0.2960754
300 GB	V6-PS15-300 (N6-PS15-300)	005049037 005049905 005049674 005050938 005050937	YES YES YES NO NO	6Gb SAS	15K rpm	VNXe3200	3.0.0.2960754
600 GB	V6-PS10-600 (N6-PS10-600)	005050624 005050627 005050399 005051097	YES YES NO NO	6Gb SAS	10K rpm	VNXe3200	3.0.0.2960754
600 GB	V6-PS15-600 (N6-PS15-600)	005049039 005049906 005049678 005050940 005050939	YES YES YES NO NO	6Gb SAS	15K rpm	VNXe3200	3.0.0.2960754
800 GB	V6-PS6FX-800 (No NEBS Yet)	005050810 005050809	NO NO	6Gb SAS SSD	N/A	VNXe3200	3.1.1.4823793
900 GB	V6-PS15-900 (N6-PS15-900)	005049808 005050348 005050707 005050398	YES YES NO NO	6Gb SAS	10K rpm	VNXe3200	3.0.0.2960754
2 TB	V6-PS07-020 (N6-PS07-020)	005050743 005050143 005050584 005050948	YES YES NO NO	6Gb SAS	7.2K rpm	VNXe3200	3.0.0.2960754
4 TB	V6-PS07-040 (N6-PS07-040)	005050751 005050151 005050588 005050956	YES YES NO NO	6Gb SAS	7.2K rpm	VNXe3200	3.0.0.2960754

Table 2 VNXe3200 2.5" 25-Slot Enclosures:

Disk capacity	Model number (NEBS Model)	Part number	NEBS?	Drive type	Spindle speed	Platform	Minimum OE software revision
100 GB	V6-2S6F-100 (N6-2S6F-100)	005049621 005050367 005050500	YES YES YES	6Gb SAS SSD	N/A	VNXe3200	3.0.0.2960754
100 GB	V6-2S6FX-100 (N6-2S6FX-100)	005050598 005050540	YES YES	6Gb SAS SSD	N/A	VNXe3200	3.0.0.2960754
200 GB	V6-2S6F-200 (N6-2S6F-200)	005049622 005050368 005050502	YES YES YES	6Gb SAS SSD	N/A	VNXe3200	3.0.0.2960754
200 GB	V6-2S6FX-200 (N6-2S6FX-200)	005050599 005050523	YES YES	6Gb SAS SSD	N/A	VNXe3200	3.0.0.2960754
300 GB	V6-2S15-300 (N6-2S15-300)	005050604 005050548 005050933 005050934	YES YES NO NO	6Gb SAS	15K rpm	VNXe3200	3.0.0.2960754
600 GB	V6-2S10-600 (N6-2S10-600)	005050700 005050211 005049804 005050344	YES YES YES YES	6Gb SAS	10K rpm	VNXe3200	3.0.0.2960754
800 GB	V6-2S6FX-800 (no NEBS yet)	005050800 005050785	NO	6Gb SAS SSD	N/A	VNXe3200	3.1.1.4823793

Disk capacity	Model number (NEBS Model)	Part number	NEBS?	Drive type	Spindle speed	Platform	Minimum OE software revision
900 GB	V6-2S10-900 (N6-2S10-900)	005050701 005050212 005049809 005050349	YES YES YES YES	6Gb SAS	10K rpm	VNXe3200	3.0.0.2960754

Supported disk-array enclosures

Table 4 lists the disk-array enclosures (DAEs) supported for VNXe3200 storage systems.

Table 4 Supported disk-array enclosures (DAEs)

DAE type	VNXe3200
2U 3.5" x 12 DAE	V32-DAE-12
2U 2.5" X25 DAE	V32-DAE-25

Table 5 lists the 3.5" disk models supported for these DAEs.

Table 5 Disk models supported for VNXe 3.5" & 2.5" disk-array enclosures (DAEs)

DAE TYPE	7200RPM	10K RPM	15K RPM	FAST Cache FLASH	FAST -VP FLASH
2U 3.5" x 12 DAE	V6-PS07-xxx	V6-PS10-xxx	V6-PS15-xxx	V6-PS6F-xxx	V6-PS6FX-xxx
2U 2.5" X25 DAE	V6-2S07-xxx	V6-2S10-xxx	V6-2S15-xxx	V6-2S6F-xxx	V6-2S6FX-xxx

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