

## Disk and FLARE<sup>®</sup> OE Matrix

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To function properly, serial advanced technology attachment (SATA) or serial attached SCSI (SAS) disks in an EMC<sup>®</sup> AX4-5 series storage system require that each storage processor run minimum versions of the FLARE<sup>®</sup> Operating Environment (FLARE OE). This document lists the disk part numbers supported by EMC AX4-5 series storage systems and the minimum software versions required for each disk model.

**Note:** The AX4-5SC, AX4-5, AX4-5SCi, and AX4-5i are also called the AX4-5FSC, AX4-5F, AX4-5ISC, and AX4-5I, respectively.

The disk part number (PN) appears on a label on the front of the plastic carrier.



### **CAUTION**

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**Verify that the proper version of FLARE 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 FLARE OE version is installed.**

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## AX4-5 series systems

Use EMC Navisphere® Express software to view the AX4-5 series FLARE OE version.

### Using Navisphere Express

Select **Software** from the System menu to open the System Software page. If the FLARE OE does not meet the minimum version required for your disks as shown in [Table 1](#), then upgrade FLARE OE on the storage systems before installing the disk. See the **Upgrade** section under **Service & support**, on the AX4-5 support website. For information on accessing the AX4-5 support website, refer to the support information that shipped with your storage system.

**Note:** Changes and additions in the tables since the last revision of this document are noted in **bold blue** type.

**Table 1** Disk minimum FLARE OE versions required in an AX4-5 series system

Disk capacity	Model number	Part number	RoHS <sup>a</sup>	Drive type	Spindle speed	Platform	Minimum FLARE OE software version
1 TB	AX-SS07-010	P/N005048805	CO	SATA II	7.2K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	<b>02.23.050.5.505</b>
		<b>P/N005048831</b>	CO	SATA II	7.2K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.703 02.23.050.5.505
750 GB	AX-SS07-750	PN005048777 PN005044830	CO	SATA II	7.2K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.004
<b>600 GB</b>	<b>AX-SS10-600</b>	<b>PN005048960</b>	<b>CO</b>	<b>3/6 Gb SAS</b>	<b>10 rpm</b>	<b>AX4-5 AX4-5SC AX4-5i AX4-5SCi</b>	<b>02.23.050.5.703</b>

**Table 1 Disk minimum FLARE OE versions required in an AX4-5 series system (continued)**

Disk capacity	Model number	Part number	RoHS <sup>a</sup>	Drive type	Spindle speed	Platform	Minimum FLARE OE software version
450 GB	AX-SS15-450	PN005048877	CO	3 Gb SAS	15K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.505
	NB-SS15-450	PN005048917	CO	3 Gb SAS	15K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.505
400 GB	AX-SS10-400	PN005048811	CO	3 Gb SAS	10K rpm	AX4-5	02.23.050.5.004
						AX4-5SC	02.23.050.5.703
						AX4-5i	02.23.050.5.004
						AX4-5SCi	02.23.050.5.703
300 GB	AX-SS15-300	P/N005048786	CO	3 Gb SAS	15K rpm	AX4-5	02.23.050.5.004
						AX4-5SC	02.23.050.5.703
						AX4-5i	02.23.050.5.004
						AX4-5SCi	02.23.050.5.703
	NB-SS15-300	P/N005048875 P/N005048852	CO	3 Gb SAS NEBS	15K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.004
						AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.004

**Table 1 Disk minimum FLARE OE versions required in an AX4-5 series system (continued)**

Disk capacity	Model number	Part number	RoHS <sup>a</sup>	Drive type	Spindle speed	Platform	Minimum FLARE OE software version
146 GB	AX-SS15-146	PN005048785	CO	3 Gb SAS	15K rpm	AX4-5	02.23.050.5.004
						AX4-5SC	02.23.050.5.703
						AX4-5i	02.23.050.5.004
						AX4-5SCi	02.23.050.5.703
	PN005048873	CO	3 Gb SAS	15K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.004	
NB-SS15-146	P/N00548785 P/N00548851	CO CO	3 Gb SAS NEBS	15K rpm	AX4-5 AX4-5SC AX4-5i AX4-5SCi	02.23.050.5.004	

a. In the RoHS column, CO = RoHS compliant; NC = not RoHS compliant.

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