Storage Controller Considerations

This appendix provides storage controller (HBA) information.

Supported Storage Controller and Cables

This node supports a single PCIe-style, SAS HBA controller that plugs into a dedicated internal riser.

This node supports the storage controller options and cable requirements shown in the following table.

Controller	Maximum Drives Controlled	RAID Levels	Optional Supercap Backup?	Required Cables
HX240c SFF Versions: Cisco 12G Modular SAS HBA (for up to 26 drives) HX-SAS-M6HD	24 front-loading SAS/SATA drives, plus up to 2 rear-loading SAS/SATA drives.	Non-RAID	No	Use SAS/SATA cable included with chassis to connect controller to drive backplane.
HX240c LFF Versions: Cisco 12G Modular SAS HBA (for up to 14 drives) HX-SAS-M6	12 front-loading SAS/SATA drives, plus up to 2 rear-loading SAS/SATA drives.	Non-RAID	No	Use SAS/SATA cable included with chassis to connect controller to drive backplane.

Storage Controller Card Firmware Compatibility

Firmware on the storage controller HBA must be verified for compatibility with the current Cisco IMC and BIOS versions that are installed on the node. If not compatible, upgrade or downgrade the storage controller firmware using the Host Upgrade Utility (HUU) for your firmware release to bring it to a compatible level.

See the HUU guide for your Cisco IMC release for instructions on downloading and using the utility to bring node components to compatible levels: HUU Guides.