

PowerEdge R740 Information Update - Tech Sheet

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Overview

The information in this document supersedes the information in the pertinent sections of the Installation and Service Manual, BIOS and UEFI Reference Guide, and Technical Specifications.

For a complete list of information, see the documents available at <https://www.dell.com/poweredgemanuals>.

Topics:

- [Revision history](#)

Revision history

This section provides a description of document changes.

Table 1. Document Revision history

Document Revision	Date	Description of changes
1	June, 2022	1. Updated storage_controller_specs

Information Update

Topics:

- [Storage controller specifications](#)

Storage controller specifications


The PowerEdge R740 system supports:

- Internal storage controller cards: PowerEdge RAID Controller (PERC) H330, PERC H730P, PERC H740P, HBA330, S140, Boot Optimized Server Storage (BOSS-S1), H750 (adapter only) , H350 and HBA350i (adapter only).

The BOSS card is a simple RAID solution card designed specifically for booting a server's operating system. The card supports up to two 6 Gbps M.2 SATA drives. The BOSS adapter card has a x8 connector using PCIe gen 2.0 x2 lanes, available only in the low-profile and half-height form factor.

- External storage controller cards: PERC H840, 12Gbps SAS HBA, and HBA355e.

 **NOTE:** Mini-PERC socket is not hot pluggable.

 **NOTE:** H750/H350 and HBA350i cards cannot be mixed with H730P, H740P, H330, and HBA330 cards.