

Smarter technology for all

Servicing the ThinkSystem SR655 V3

ES72377

August 2023

Lenovo

Prerequisites

- [ES42430 – AMD EPYC processor architecture for ThinkSystem V3 servers](#)
- [ES51780C – Servicing the ThinkSystem storage controllers](#)
- [ES51757B – Introducing ThinkSystem tools](#)
- [ES41759C – ThinkSystem problem determination](#)
- [ES52374 – ThinkSystem tools for the ThinkSystem V3 platform](#)
- [ES42190 – Servicing the ThinkSystem 4350/5350/9350 RAID/HBA series adapters](#)

Objectives

After completing the course, you will be able to:

- Describe the ThinkSystem SR655 V3 server and components
- List the SR655 V3 server specifications
- Describe the SR655 V3 server configurations and block diagrams
- Describe the SR655 V3 server management tools
- Describe the problem determination steps and explain how to troubleshoot issues with the SR655 V3

What's new

August 2023 updates

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What's new in the August 2023 updates

The following hardware configurations have been added with this release:

- [Front adapter cage \(front-accessible slots\)](#)
 - [Two PCIe slots and one OCP slot](#)
 - [A front OCP module and OCP interposer card](#)
 - [A rear OCP interposer card](#)
- [Management NIC adapter](#)

For detailed configurations, refer to the System configurations and diagrams section.

Note: For the latest lists of supported OCP and PCIe adapters, refer to the [Lenovo Press product guide](#).

Front adapter cage

The SR655 V3 supports a front adapter cage, which includes two front-accessible PCIe slots plus a dedicated OCP 3.0 SFF slot for networking.

Front-accessible slots:

- Slot 11: PCIe 4.0 x16 FHHL (connects to CPU 2)
- Slot 12: PCIe 4.0 x16 FHHL (connects to CPU 1)



Front adapter cage

Front adapter cage components

The front adapter cage has the following components:



Front adapter cage



Riser cage with riser card



Bottom cage with front OCP interposer card