

Smarter technology for all

Servicing the ThinkSystem SR650 V3

ES72336

October 2023

Lenovo

Prerequisites

- ES42373B – Intel Xeon processor architecture for ThinkSystem V3 servers
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES42373B>
- ES51757B – Introducing ThinkSystem tools
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES51757B>
- ES52374 – ThinkSystem tools for the ThinkSystem V3 platform
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES52374>
- ES41759C – Introducing ThinkSystem problem determination
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES41759C>
- ES51780C - Servicing ThinkSystem storage controllers
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES51780C>
- ES42190 - Servicing the ThinkSystem 4350/5350/9350 RAID/HBA series adapters
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES42190>

Objectives

After completing the course, you will be able to:

- Describe the features and specifications of the ThinkSystem SR650 V3 server
- Identify the components of the ThinkSystem SR650 V3 server
- Describe the configurations of SR650 V3 server
- Describe the SR650 V3 server management tools
- Describe the specific problem determination steps and explain how to troubleshoot issues with the ThinkSystem SR650 V3 server

What's new

Lenovo Neptune Processor Direct Water Cooling Module

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Open loop water cooling on the SR650 V3

The SR650 V3 supports advanced direct-water cooling (DWC) capabilities with the Lenovo Neptune Processor DWC Module (DWCM). This module implements a liquid cooling solution with an open loop and coolant distribution units to allow heat from the processors to be removed from the rack and the data center. The liquid used in the loop is a mixture of water and ethylene glycol (EGW).

For more information about the DWCM, refer to the [Lenovo Neptune Processor Direct Water Cooling Module](#) section in this course.

