

# Management tools

BMC, UEFI, and update tools

Lenovo

## SR650 V2 management tools overview

The SR650 V2 supports the same management tools as the SR650. This includes XClarity Controller (XCC), XClarity Provisioning Manager (LXPM), XClarity Essentials (LXCE), and XClarity Administrator (LXCA). For more information about ThinkSystem tools, refer to the following courses:

- ES51757B – Introducing ThinkSystem tools  
<https://lenovoedu.lenovo.com/course/view.php?idnumber=ES51757B>
- Lenovo system Management Documentation  
<https://sysmgt.lenovofiles.com/help/index.jsp>

## Intel Virtual RAID on CPU (VROC)

Intel VROC is an Intel processor feature that enables RAID support. There are two VROC features:

- Intel VROC SATA RAID, formerly known as Intel RSTe
- Intel VROC NVMe RAID – on the SR650 V2, RAID 0, 1, 5, and 10 is supported

By default, VROC NVMe RAID supports only Intel NVMe drives. If users wish to enable RAID support for non-Intel NVMe SSDs, they should select the VROC Premium license and activate it through the XCC management processor user interface.

On the SR650 V2, the onboard SATA controller can support all SATA drives and offers a 6 Gbps connection to each drive. The onboard NVMe support can support any NVMe drives directly connected to the ports on the server's system board or NVMe adapters. They all implement RAID levels 0, 1, 5, and 10.

For specifications of the RAID adapters and HBAs supported by the SR650 V2, refer to [Lenovo ThinkSystem RAID Adapter and HBA Reference](#)

For more information about how to set up VROC on the system, refer to course [ES51780C – Servicing the Lenovo ThinkSystem storage controllers](#).

**Note:** For best performance with VROC NVMe RAID, the drives in an array should all be connected to the same processor.