DELL Technologies

# Dell PowerEdge vs. Lenovo ThinkSystem

| Dell PowerEdge R750 | | Lenovo ThinkSystem SR650 V2 |
|---|---|---|
| **Air and liquid cooling options**<br>Supports air cooling, and optional processor for Direct Liquid Cooling (DLC) to address high wattage processors with internally developed Dell technology innovation, Leak Sensing Technology. |  | **Air cooling only**<br>Only air cooling is offered. |
| **Supports a broader range of Operating Systems (OS)**<br>Supports Canonical Ubutu Server LTS, Citrix Hypervisor, Microsoft Windows Server with Hyper-V, Red Hat Enterprise Linux, SUSE Linus Enterprise Server, VMware ESXi. |  | **Limited Operating Systems (OS) options**<br>Supports Microsoft, SUSE, Red Hat, and VMware. |
| **Offers SNAP I/O for balanced I/O performance**<br>Up to 8 x PCIe Gen4 slots (up to 6 x 16) with support for SNAP I/O modules for balanced I/O performance. |  | **No SNAP I/O option**<br>Up to 8 x PCIe Gen4 slots. Without SNAP I/O you run the risk if the network adapters become unbalanced, reducing bandwidth and increasing latency. |
| **Two Network Interface Controller/Local Area Network (NIC/LAN) on motherboard (LOM) options**<br>2 x 1GbE LOM + 1 x OCP 3.0 (x8 PCIe lanes). |  | **One Network Interface Controller (NIC) option**<br>1 x OCP 3.0. Up to 8x PCIe 4.0 slots. LOM adapter installed in the OCP 3.0 slot; PCIe adapters. |
| **Broader selection and higher power capacity of Direct Current (DC) power supplies**<br>800W AC\|DC, 1100W AC\|DC & -48v DC, 1400W AC\|DC, 2400W AC\|DC. |  | **Limited selection of Direct Current (DC) power supplies**<br>500W, 750W, 1100W AC\|DC, 1800W. |

Comparison based on Dell analysis using publicly available information, August 2022.