## Dell PowerEdge R750

- **Air and liquid cooling options**
  - 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.
  - Supports a broader range of Operating Systems (OS)
    - Supports Canonical Ubuntu Server LTS, Citrix Hypervisor, Microsoft Windows Server with Hyper-V, Red Hat Enterprise Linux, SUSE Linus Enterprise Server, VMware ESXi.
  - Offers SNAP I/O for balanced I/O performance
    - Up to 8 x PCIe Gen4 slots (up to 6 x 16) with support for SNAP I/O modules for balanced I/O performance.
  - Two Network Interface Controller/Local Area Network (NIC/LAN) on motherboard (LOM) options
    - 2 x 1GbE LOM + 1 x OCP 3.0 (x8 PCIe lanes).
  - Broader selection and higher power capacity of Direct Current (DC) power supplies
    - 800W AC|DC, 1100W AC|DC & -48v DC, 1400W AC|DC, 2400W AC|DC.

## Lenovo ThinkSystem SR650 V2

- **Air cooling only**
  - Only air cooling is offered.
  - Limited Operating Systems (OS) options
    - Supports Microsoft, SUSE, Red Hat, and VMware.
  - No SNAP I/O option
    - 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.
  - One Network Interface Controller (NIC) option
    - 1 x OCP 3.0. Up to 8x PCIe 4.0 slots. LOM adapter installed in the OCP 3.0 slot; PCIe adapters.
  - Limited selection of Direct Current (DC) power supplies
    - 500W, 750W, 1100W AC|DC, 1800W.

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

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