

System specifications

Technical specifications

Lenovo

Specifications

Attribute	Specifications
Machine type	7DBY
Form factor	2U height, full-width edge server • Depth: • Without security bezel: 440.0 mm • With security bezel: 546.5 mm • Height: 86.5 mm • Width: • Without EIA brackets: 444.6 mm • With EIA brackets: 480.5 mm
Processor	One AMD EPYC™ 8004 Series Processor, up to 64 cores, up to 200 W TDP
Memory	Up to 576 GB in six slots using 96 GB RDIMMs
GPUs	Up to six single-width GPUs or two double-width GPUs
Expansion slots	• Up to two PCIe 5.0 x16 slots

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Expansion slots	- Up to two PCIe 5.0 x16 slots - Up to four PCIe 4.0 x8 slots - One OCP 3.0 PCIe 5.0 x16 slot
Drive bays	- Up to four 2.5-inch 15 mm front accessible hot-swap drives - Up to four 2.5-inch 15 mm internal drives - Up to two M.2 boot drives
RAID and HBA support	- RAID 0, 1 for boot drives - Optional HW RAID or SAS HBA
Mounting options	1000 mm rack mount 600 mm rack mount - Two-post rack mount
Powers supplies	- Dual redundant power supplies AC up to 1800 W Platinum, 1100 W Titanium - Dual redundant power supplies -48 V DC up to 1100 W

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System fan	Five simple-swap 60 mm system fans with N+1 redundancy support
Network interfaces	- LOM adapter installed in the OCP 3.0 slot - Up to six PCIe adapters
Integrated functions and I/O connectors	- Front: one USB-C, two USB 3.0, one USB 2.0 for XCC2, one RJ45 for XCC2, one diagnostic handset, COM port via PCI slot - Rear: no ports or buttons
OS support	- Alma Linux, Citrix, Microsoft, Red Hat, Rocky Linux, SLES, Ubuntu, VMware - Support levels vary – visit lenovopress.com/osig for details
Systems management	XCC2
Environmental	-5°C to 55°C operation with selected configurations - Designed for NEBS - Up to 15 G shock and 0.21 Grms vibration

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Systems management	XCC2
Environmental	• -5°C to 55°C operation with selected configurations • Designed for NEBS • Up to 15 G shock and 0.21 Grms vibration • Optional dust filter with airflow sensor
Security	• NIST SP800-193 compliant platform firmware resilience • Integrated SED key management • TPM 2.0 with optional secure boot • System guard • Optional system lockdown on intrusion detection managed with XClarity controller or ThinkShield Key Vault Portal • Optional security EIA bracket • Optional lockable security bezel with air filter • AMD Infinity Guard technologies including secure memory encryption, secure encrypted virtualization, secure nested paging, and secure boot