

# Features and specifications

Product features, technical specifications

Lenovo

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Feature	Specifications
Machine types	7DGR - Lenovo ThinkEdge SE100 7DGV - Lenovo ThinkEdge SE100 1U2N Enclosure 7DGV - Lenovo ThinkEdge SE100 1U3N Enclosure
Form factor (height, width, depth)	Base node: 53 mm, 142 mm, 278 mm – 2.1 L With expansion kit: 53 mm, 214 mm, 278 mm – 3.1 L
Processor	One Intel Ultra Series 2 processor (code name: Arrow Lake) Support for up to 16 cores, core speeds of up to 2.0 GHz Processor is soldered onto the system board
Memory	Two DIMM slots – the processor has two memory channels with one DIMM per channel Lenovo TruDDR5 DIMMs supporting CSODIMMs at 6400 MHz and SODIMMs at 5600 MHz
Maximum memory	Up to 64 GB with two 32 GB CSODIMM
Memory	Independent mode
Drive bays	<ul style="list-style-type: none"><li>Up to one M.2 drive for boot (NVMe/SATA)</li><li>Up to two M.2 drives for data (NVMe)</li><li>No support for 2.5-inch or 3.5-inch SSD/HDD drives</li></ul>
Maximum data storage	NVMe drives:



**Note:** For more information about SE100 features and specifications, refer to the *Standard specifications* section of the [SE100 product guide](#) on Lenovo Press.

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Maximum data storage	NVMe drives: 3.84 TB using two 1.92 TB NVMe drives
Network interfaces	<ul style="list-style-type: none"><li>• Base node<ul style="list-style-type: none"><li>○ Front: One serial console RJ45 COM port</li><li>○ Rear: Two 1 GbE RJ45 port, one 1 GbE RJ45 for remote XCC management</li></ul></li><li>• With the expansion kit<ul style="list-style-type: none"><li>○ 10GBASE-T two-port PCIe</li><li>○ 1 GbE RJ45 four-port PCIe</li></ul></li></ul>
PCIe expansion slots	Expansion node/kit to support one PCIe riser for active fan HHHH GPU/PCIe (eight PCIe Gen 4) under 75 W, or fanless PCIe LAN card
Wireless	No support
Front I/O	<ul style="list-style-type: none"><li>• Two USB 3.2 Gen 2 (Type-A)</li><li>• One USB 3.2 Gen 2 (Type-C, with XCC display)</li><li>• One USB 3.2 Gen 2 (type-C, with CPU display)</li><li>• Two HDMI 2.0</li><li>• One RJ45 for RS232 serial COM</li></ul>
Rear I/O	<ul style="list-style-type: none"><li>• One Type-C (power) with locking screw</li><li>• One Type-C (power, BMC USB 2.0) support for power redundancy with locking screw</li></ul>

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	<ul style="list-style-type: none"><li>• One USB 3.2 Gen 2 Type-A</li><li>• Two 1 GbE RJ45 + one 1 GbE management port</li></ul>
Systems management	Lenovo XClarity Administrator
Operating systems	Microsoft Windows 11 Enterprise, Ubuntu Server certification – for more information, refer to the <i>Operating system support</i> section of the SE100 product guide on Lenovo Press
Security	<ul style="list-style-type: none"><li>• Security 2.0 with ThinkShield Key Vault or XCC management</li><li>• Optional Key Vault SED encrypted storage for boot and data drives</li><li>• Lenovo Trusted Supplier Program, Secure boot, and Smart USB Protections</li><li>• NIST SP800-193 compliance using hardware Root of Trust and Platform Firmware Resilience</li><li>• TPM 2.0</li><li>• Intrusion tamper protection</li><li>• Optional Kensington keyed lock compatible chassis</li><li>• Type-C locking screw</li></ul>
Dimensions (height, width, depth)	Node: 53 mm, 142.3 mm, 278 mm
Volume	Base node: 2.1 L
Weight	Base node: 2.36 kg maximum

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