

Attainable Inferencing at the Edge

Lenovo ThinkEdge SE100

Lenovo × intel ai

Compact Edge Server Built for High-Performance Computing

The ThinkEdge SE100 offers 100% power in a 85% smaller form factor, making it ideal for tight spaces without compromising performance. It includes security options, and is easily managed with Lenovo XClarity Controller. This combination is perfect for edge applications that require high performance, low latency, and efficient power usage for AI-driven analytics.

The ThinkEdge SE100 combines the capability of Intel® Core™ Ultra 7 processors with advanced AI capabilities, efficient power consumption, and powerful processing to meet the demanding requirements of edge computing.

The ThinkEdge SE100 is designed to solve this issue offering wired connection speeds of 1G and 10G. This compact, reliable server is built to handle a wide range of Edge workloads. It can be remotely set up, activated, managed, and even unlocked in case of tampering, using the ThinkShield Key Vault Portal and its accompanying user app. Designed to be used in a variety of locations - wall, ceiling, DIN-rail, table top - as well as in a rack mount.

**Full power
edge AI
in a compact,
secure, remotely
managed, and
ruggedized
form factor**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Arc™
Graphics



OpenVINO™
Toolkit

Key Features

Empowered by Intel.



Compact Edge Design



Cloud-Based Control



End-to-End Security



Ruggedized for Edge

Lenovo ThinkEdge SE100



Product Specifications

CPU	Intel® Core™ Ultra 7 processor 255H: 6P+8E+2LP-E Intel® Core™ Ultra 5 processor 225H: 4P+8E+2LP-E
Graphics	XCC Video: Embedded graphics with 16 MB memory not expandable with 2D hardware accelerator, integrated into the XClarity Controller CPU Video: Integrated Intel® Graphics or Intel® Arc™ GPUs
Memory	Up to 64GB in 2x slots, using 32GB CSODIMMs; Up to 6400MHz DDR5
Storage	1x M.2 2280 boot drives, Max to 960G Up to 2x M.2 using NVMe data storage drives. Max to 3.84TB
Wireless Network	N/A
LAN	2x 1GbE, 1GbE RJ45 management port
Operating / Storage Temp.	5°C to 45°C / 5°C to 45°C
Dimension (W x D x H)	142 mm x 278 mm x 53 mm
Weight	Base node: Maximum 2.36 kg (5.2 lbs)
OS	Microsoft Windows 11 IoT Enterprise LTSC, Microsoft Windows 11 Enterprise, Ubuntu 24.04

Learn More

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