

# Lenovo and AMD solutions

Powering the future of healthcare  
and life sciences together



Smarter  
technology  
for all

Lenovo

# Meet today's needs and be ready for what's ahead

As healthcare providers strive to deliver quality care and life science organizations work to reliably identify therapeutic breakthroughs, issues including rising security threats, workflow inefficiencies, and staff shortages remain challenges to reaching these goals.

Organizations need to invest now to take full advantage of fast-developing opportunities for better data management, workflow efficiency, and risk mitigation to help improve patient health.

Artificial intelligence holds much promise to transform processes and productivity. But AI is only as good as the technology it runs on.

## Lenovo and AMD share a deep commitment to the evolution of patient care through technology advancement, including energy-efficient processor performance.

Our strong partnership delivers the power of digital transformation to healthcare and life sciences organizations worldwide — improving security, efficiency, and the experience of patients and providers.





# Lenovo solutions powered by AMD

Lenovo has a broad portfolio leveraging AMD processors, from end-user computers to enterprise servers.



## Performance and value

Excellent balance of price and performance, making it an ideal choice for healthcare environments that need powerful computing at an affordable cost.



## Range of use cases

Multiple scenarios for devices and infrastructure throughout the hospital and beyond — from patient care to research to administration.



## Validated for EPIC systems

AMD processors validated to run Epic EHR software from clinical endpoints to enterprise servers.



## Longevity and consistency

Designed for long product lifecycles that help stretch budgets, minimize disruption, and reduce the need to refresh user devices and enterprise infrastructure.



## Wide choice of operating systems

Support for all current major hypervisors, major Linux distributions, and Windows server OS.



DESKTOPS

## ThinkCentre® M75q Tiny powered by AMD

Big compute capability  
in a space-saving footprint

**Ideal for in-room patient care, mobile carts, and nursing stations**

- Powered by AMD Ryzen™ PRO desktop processors
- High-performance and super-fast integrated graphics
- Becomes an all-in-one desktop by combining with a Tiny-in-One enclosure



ThinkCentre® M75q Tiny

### Supports IGEL endpoint OS for virtual desktop infrastructure (VDI)

- Secure, quick login from any device
- Access to user's desktop and apps for consistent experience
- Less local memory and CPU use



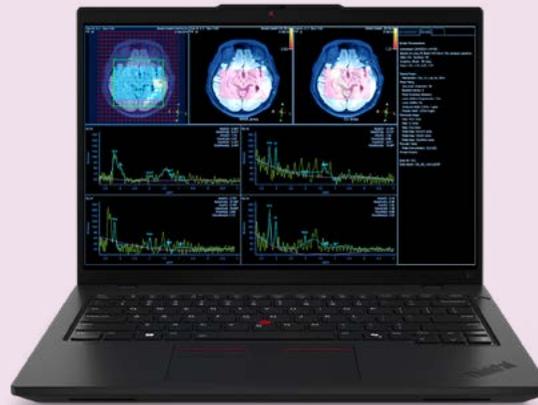
LAPTOPS

## ThinkPad® L14 and L16 powered by AMD

General-purpose laptops  
with go-anywhere productivity  
and versatility

**Ideal for bedside care, nursing stations, mobile  
clinicians, and administrative staff**

- Powered by AMD Ryzen™ PRO processors
- MIL-SPEC tested to withstand harsh environments\*
- Industry-leading repairability



ThinkPad® L14



ThinkPad® L16





# Laptops to capitalize on AI

Get prepared for evolving AI demands

Ideal for AI-driven processes for operational efficiency, clinical workflows, and administrative tasks



## ThinkPad® T14s Gen 6 powered by AMD

### AI PC with performance for Microsoft Copilot+ features

- Powered by AMD Ryzen™ AI PRO 300 Series processor with 50 TOPS
- Higher performance, excellent battery life, advanced visuals, and quiet operation for exceptional UX
- Optimized for low-power AI operations



## ThinkPad® T16 Gen 2 powered by AMD

### AI-ready PC

- Powered by AMD Ryzen™ PRO processors
- Advanced audiovisuals for clear, seamless collaboration
- Sleek, thin and light design with 16" display and keyboard with full numeric pad



## Get the most from AI with Lenovo services

### Lenovo AI Center of Excellence

Workshops, proofs of concept, benchmarking, and performance optimization

### Lenovo AI Advisory and Professional Services

Help for planning and executing your AI strategy and projects

### Lenovo AI Innovators Program

An ecosystem of ISV partners developing AI solutions validated for deployment on Lenovo technology

### AI Fast Start

Access to assets, experts, and partners to speed development of a tailored generative AI solution





WORKSTATIONS

## ThinkPad® P16s Gen 2 powered by AMD

Workstation performance  
on the go

**Ideal for high-power mobile computing  
for electronic health record applications,  
data entry, medical billing, and hospital  
operations**

- Powered by AMD Ryzen™ PRO processors
- Ultimate productivity partner combining up to 64GB LPDDR5 memory and up to 2TB SSD storage options
- Seamlessly switch between multiple applications, run virtual machines, and handle large-scale projects without a hiccup



ThinkPad® P16s Gen 2



ThinkStation® P8

## ThinkStation® P8 powered by AMD

Powerful desktop to advance medical  
innovation

**Ideal for high-demand workloads in medical imaging, drug discovery,  
clinical research, and AI workflows**

- Supports up to 96 cores in a single processor, with 5GHz or higher clock speed and up to 3x NVIDIA RTX 6000 Ada Generation GPUs
- Designed for both single-threaded and multithreaded applications depending on your workflow
- ThinkStation P8 with AMD Threadripper now offers extended life capabilities for better return on your investment



SERVERS

## General-purpose ThinkSystem<sup>®</sup> servers: SR645 V3, SR665 V3

Powering your EPIC EHR system with Lenovo ThinkSystem servers and AMD EPYC<sup>™</sup> processors delivers:

- Robust scalability
- High availability



ThinkSystem<sup>®</sup> SR645 V3



ThinkSystem<sup>®</sup> SR665 V3



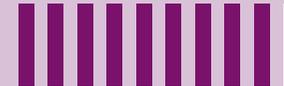
## AI-optimized servers: ThinkSystem<sup>®</sup> SR685a V3 and SR675 V3

Accelerated compute for AI and HPC

Ideal for AI training and inference, medical research, and genomics

- Powered by AMD EPYC<sup>™</sup> processors
- Select systems support AMD Instinct<sup>™</sup> accelerators
- Rack servers: SR685a V3 with air cooling, SR675 V3 with Lenovo Neptune<sup>™</sup> liquid-to-air hybrid cooling
- Open architecture for flexibility and choice

95%



40%



Lenovo Neptune technology direct water cooling delivers 95% heat removal efficiency and up to 40% lower power consumption.<sup>1</sup>



ThinkSystem<sup>®</sup> SR685a V3



EDGE SERVERS

## ThinkEdge® SE455 V3

Edge processing for AI and workload consolidation

**Ideal for running AI in health centers, pharmacies, and other locations outside the data center**

- Powered by efficient, high-performance AMD EPYC™ 8004 processors
- Boost innovation with up to 6 GPUs and over 490TB storage
- Control the noise with acoustic modes as low as 40 dBA



**ThinkEdge SE455 V3 servers** are optimized for edge AI applications with increased functional storage for hybrid cloud, delivering low total cost of ownership (TCO). The AMD EPYC™ processor delivers performance along with cost and power savings.



ThinkEdge® SE455 V3



SOFTWARE-DEFINED INFRASTRUCTURE

# ThinkAgile™ VX665 V3 and HX665 V3

Simplify IT and accelerate time to value

- Powered by AMD EPYC™ processors
- Choice of integrated systems or certified nodes
- Pre-integrated with VMware (VX Series) or Nutanix (HX Series)



ThinkAgile™ VX665 V3



ThinkAgile™ HX665 V3



# Services

## Safeguard your data

### Lenovo Security Services

Proactive, custom-engineered solutions that evolve as security threats change

## Management support for your IT team

- **Windows 11 migration services**

Analyze your current fleet and ease migration ahead of the October 2025 deadline

- **Lenovo Premier Support**

Ultra-responsive, around-the-clock technicians for hardware and OEM software

- **Lenovo Device Intelligence (LDI)**

Proactive device insights, AI-driven predictive analytics, and PC health alerts and reports

- **Lenovo Managed Services**

Real-time monitoring and 24/7 incident response to improve performance and limit downtime

## Cost-efficient purchase models

- **Lenovo TruScale Device as a Service (TruScale DaaS)**

Future-proofed subscription-based technology with predictable costs and nothing upfront

- **Lenovo TruScale Infrastructure as a Service (IaaS)**

Flexible, pay-as-you-go cloud-like experience with on-premises security

- **Lenovo TruScale GPU as a Service**

Immediate, scalable access to AI and HPC technology with GPU power on demand

## Reduce your carbon footprint

- **Lenovo Sustainability Services**

Bulk packaging, CO<sub>2</sub> offsets, lifecycle extensions, and reduced carbon transport

- **Lenovo Power and Cooling Services**

Data-driven insights on power usage, cooling needs, and data center energy efficiency

- **Lenovo Asset Recovery Services**

Recoup value while disposing of devices responsibly





# Take your organization into the future of healthcare

Lenovo solutions powered by AMD are built to bring new efficiency to healthcare and life sciences. Partner with us for the performance, security, productivity, and patient experience today's organizations need to stay competitive.

To learn more, visit [www.lenovo.com/levelup](http://www.lenovo.com/levelup) and contact your Lenovo representative.

#### Source

1 | Lenovo internal source, 2023

\*Consult with your Lenovo representative for details and benefits.



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