ThinkCentre | ThinkStation

# Tiny

Versatility, reliability, connectivity, and security for the evolving healthcare ecosystem

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Smarter technology for all

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Powered by Intel vPro®
platform for an unrivaled
healthcare PC solution

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# The shift to value-based, hybrid care delivery is driving healthcare organizations to leverage technology and digital strategies.

## Patients expect more convenient and connected experiences.

Clinicians and research scientists are focused on better outcomes and want increased mobility, flexibility, and productivity. Responding to these evolving needs requires more computing power, higher performance, and robust security. The Lenovo Health Tiny portfolio provides powerhouse desktops and workstations that fulfill all these requirements — while offering high-energy efficiency and space-saving design.

## Why Lenovo Health

Lenovo Health helps healthcare organizations transform patient care with innovative solutions that evolve in step with patient and provider expectations. We believe in patient-first healthcare powered by people-first technology. Our healthcare products, services, and solutions are designed to improve patient engagement and outcomes, simplify workflows for clinicians and health researchers, reduce care costs, and increase access to care. Our team of healthcare experts partner with healthcare organizations to understand their specific needs and requirements and design a customized technology solution.

## Why Tiny

Combining power, performance, security, and speed, the ThinkCentre and ThinkStation Tiny desktops pack rich features into a small, space-saving form factor, with sleek cord management. Tiny offers flexible mounting options for almost any space, from visitor areas and patient rooms to nursing stations and research labs. The small footprint delivers big productivity and processing capability for data-heavy applications, along with robust security to protect critical patient data. A powerful punch in a pint-sized package.

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# Reception, patient check-in and check-out

## Improve a data-intensive experience

Tiny's smart design keeps both patient-facing spaces and backroom offices clean and clutter-free. With high-performance computing, data entry and access are seamless — for patients checking in or out and for staff processing intake forms, billing, payment, and insurance data. This provides greater satisfaction among employees and convenient, seamless experiences for patients. All Tiny PCs are compatible with Tiny-in-One touch screen monitors for easy information input.

**ThinkCentre M90q Tiny**
96% smaller than traditional 17-litre desktop tower

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# Powerful, enterprise-class features

The Tiny-in-One monitor turns the ThinkCentre Tiny into an all-in-one workstation capable of industry-leading features:

- Simplified deployment with internally connected camera, speakers, and microphone
- Easier field serviceability, with separate system and monitor
- Flexibility for modular clinical environments
- Enhanced security in public areas with ability to selectively disable unused USB ports
- Keyboard-based, remote power-on capability
- Consistency throughout your organization regardless of PC specs
- Reduced excess cables in clinical spaces

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# Visitor areas

**Enhance patient and visitor experience**

From displaying wayfinding information in front entry kiosks to providing entertainment in family waiting rooms, Tiny adapts to its environment to power meaningful experiences. Whether mounted on a swing arm, a wall, or tucked away in a small space — Tiny keeps areas clean and uncluttered.
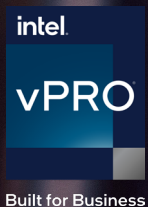
| 1 | 2 | 3 | 4 |

**ThinkCentre Tiny**
desktops connect to as many as four monitors for a customized workspace

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# Communicate and connect
## effortlessly

Tiny's innovative display capabilities allow staff, visitors, and patients alike to connect across your healthcare organization. The Intel® Core™ processor's revolutionary design enables superior multitasking productivity that adapts to your clinical needs. Tiny has integrated camera, speakers, and microphones, which makes it perfect for virtual telehealth communications.

Share educational materials, provide patient updates and staff reminders, display facility maps, and more. With Tiny, you can communicate information seamlessly and effectively.

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# In-room or bedside care

**Provide flexible care with flexible technology**

Tiny's versatile mounting options means providers can quickly access patient data on demand, whether in a patient's room or from a mobile cart. The unassuming form factor allows you to mount in a variety of locations — even behind a monitor, in the ceiling, or behind doors.

**ThinkCentre M90q with Tiny-in-One**
comes with an optional dust shield that reduces dust up to 40%

**Tiny-in-One**
can use standard VESA mounting solutions
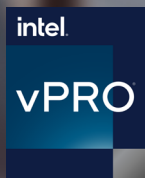
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# Safe, secure access to patient data

Tiny can be configured with robust security features - such as self-healing BIOS and smart USB protection to selectively turn off unused USB ports for additional security in semi-public environments. The desktop can also be locked into the Tiny-in-One Monitor to prevent unauthorized access.

Engineered with ThinkShield integrated security, Tiny combines industry-leading hardware, software, and services that ensure data privacy, safety, and security — reducing IT workloads and downtimes through fully integrated solutions.

Intel vPro® with the Intel® Hardware Shield adds hardware-based, multilayer security that helps reduce the attack surface of a PC and assists in active monitoring against attacks without bogging down productivity due to lost performance.

# Nursing stations

**Streamline clinical work hubs**

Tiny's compact design overcomes the space constraints typically found at nursing stations, whether stationary or mobile. Great for saving space and for tidy cord management, Tiny keeps workspaces organized while supporting up to four displays with multitasking functionality. When every second counts, the high computing power enables nurses and clinicians to access patient data quickly.

**ThinkCentre M70q Tiny**
provides vast peripheral connectivity with up to 10 USB ports

1 2 3 4 5 6 7 8 9 10

# Tough design for a tough environment

Tiny's fast boot time enables it to keep pace with fast-paced care environments. Testing to MIL-SPEC standards ensures the device can handle dusty, crowded, and shared settings. The Lenovo Quick Clean application allows you to sanitize the device without shutting it down — maintaining staff productivity while keeping nurses and providers safe.

Lenovo publishes cleaning standards at www.Lenovo.com/CleanPC.

**Vibration**
Tested while running and turned off

**Humidity**
95% relative humidity at 30°C-60°C

**High temperature**
Storage: 63°C for 24 hours
Operation: 43°C for 2 hours

**Low temperature**
Storage: -25°C for 24 hours
Operation: -21°C for 2 hours

**Contamination by fluids**
Chemicals on exposed surface
5-10 minutes

**Intel® Stable IT Platform Program**
Keep hardware components consistent for 15 months from product launch

**Fungus**
28 days with common fungus sources

**Altitude**
Tested for operations at 15,000 feet

**Solar radiation**
Three 24 hr. cycles of simulated UV radiation

**Shock**
Transit drop tested in every corner 26 times

**Temperature shock**
Tested in temperature-shock cycles going from -25°C to 60°C for 6 hours

**Salt fog**
24 hours spray + 24 hours dry, 2 cycles

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# Medical imaging, pathology, and operating rooms

## Support faster image analysis and diagnosis

Patients want fast answers. Tiny's powerful, high-performance processing capabilities help accelerate the review of patient imaging files and pathology data to enable accurate and faster diagnosis and improve treatment protocols. Tiny is powered by the Intel vPro® platform for an unrivaled healthcare solution, delivering a greater user experience while bringing together:

- Enhanced, industry-leading performance
- Comprehensive, hardware-based multilayered security that combines Lenovo ThinkShield and Intel® Hardware Shield
- Remote manageability inside and outside the firewall
- Reliable, rigorously tested stability
- High-end discrete graphics processing

**ThinkStation P360 Tiny**

offers versatility and small form factor to use in numerous settings yet is powerful for handling heavy data and analysis workloads

# Power clearer,
## more accurate images

ThinkCentre Tiny-in-One monitor's fast processing speed keeps pace with demanding downloads of data-rich patient files and images. The near-edgeless screen delivers truly vibrant color, exquisite detail, and blur-free motion from every angle.
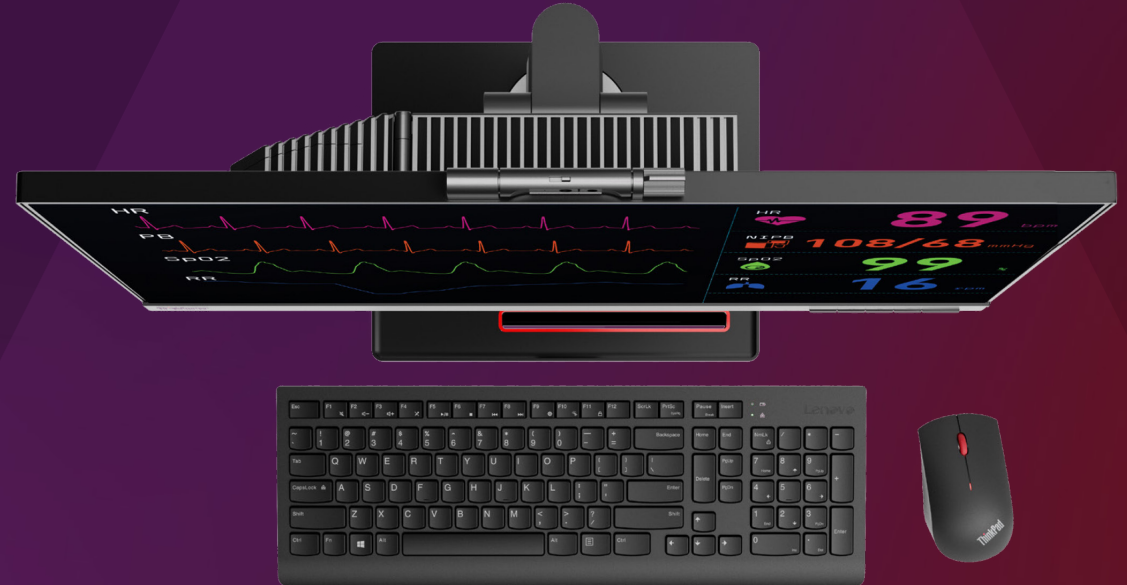
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# Medical research

**Accelerate evidence collection and new discoveries**

Tiny's powerful computing capabilities support a data-heavy research environment while accommodating small spaces and simplifying cord management. With a secure, fast connection to the data hub, Tiny enables fast and streamlined processing, storing, and sharing of files and images. Intel vPro® provides the most comprehensive security for your healthcare organization, with active security measures that help protect against the threats of today and tomorrow. Plus, connection to the cloud and virtual desktop infrastructure enables ease of use while simplifying workflows for researchers.

# Meet sustainability goals

Tiny's design supports life sciences' sustainability-based business models by prolonging the technology's lifespan, reducing e-waste, and minimizing energy use. From energy-efficient engineering and recycled materials to our manufacturing processes and delivery logistics — Tiny helps you reach your sustainability targets while aligning with your stakeholders' values. https://www.lenovo.com/us/en/about/sustainability/

**ThinkCentre Tiny**

can be turned on with a simple keyboard shortcut, thanks to a Smart Power On feature

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Optimized for a wide variety of clinical and research settings, the Lenovo ThinkCentre and ThinkStation family combines media-rich functionality and compact design with secure, dependable performance.

**Plus, you gain comprehensive manageability that includes easy deployment and upgrades.**



| ThinkCentre Tiny-in-One 22/24/24 touch/27 workstation | ThinkStation P360 Tiny Workstation | M90q Gen 3 Tiny desktop | M80q Gen 3 Tiny desktop | M70q Gen 3 Tiny desktop | ThinkCentre M60q Chromebox Enterprise |
|---|---|---|---|---|---|
| Ideal for providing flexibility for modular clinical environments | Ideal for operating rooms, medical imaging, and pathology | The ultimate, premium desktop for maximum productivity, efficiency, and flexibility | Perfect as a general use, flexible machine for a variety of needs | Ideal for most clinical areas, secure telehealth, and multiple patient room monitoring from a single device | Cloud-based solution that delivers a modern experience for uninterrupted productivity and powerful processing |
| Compatible with a wide variety of Tiny generations | Offers modular design for an all-in-one workstation | Higher wattage and higher performance processor options | Up to Intel vPro® Enterprise with the latest Intel® processor | Intel vPro® Enterprise with the latest Intel® processor | Up to Intel® Core™ i5 processor |
| Intel vPro® Enterprise with the latest Intel® processor | Intel vPro® Enterprise with the latest Intel® Core™ processor | Intel vPro® Enterprise with the latest Intel® Core™ processor | Connects with up to four independent displays | Supports up to four independent displays | Unlocks the built-in capabilities of ChromeOS, enabling IT to power, manage, and secure the cloud workplace with scalable, cloud-based management |
| Multiple mounting options for a clutter-free workspace | Certified for Microsoft Windows | Supports up to four displays and enhanced I/O ports for as-needed peripheral expansion | Certified for Microsoft Windows | Certified for Microsoft Windows | Supports up to four additional displays |
| One-step installation for easy deployment, service, and refresh | Discreet graphics card | Certified for Microsoft Windows | Supports up to Intel vPro® Enterprise or vPro® Essentials platforms | Optional Intel vPro® Essentials platform | ThinkShield end-to-end protection, Titan C security chip, and built-in ChromeOS security including granular policy controls and automatic updates |
| Embedded camera, speakers, and microphones for a streamlined footprint | 16 GB DDR5-4800MHz (SODIMM) | Up to two DDR5 SODIMM (4800 MHz), dual channel capable | Up to two DDR5 SODIMM (4800 MHz), dual channel capable | Up to two DDR4 SODIMM (3200 MHz), dual channel capable | Fast, zero-touch deployment and 24/7 support |
| Single cable to power both PC and monitor | Supports up to six independent 4K displays | | Expandable and customizable with USB ports and VGA/HDMI/DP for connecting various devices | IGEL-certified cloud client | |
| Multiple size options: 22-inch, 24-inch, 24-inch touch, 27-inch | Perfect for large-format, high-definition displays | Built-in, customizable security features | Built-in, customizable security features | Built-in, customizable security features | |
| | ThinkShield end-to-end protection with hardware, software, services, and processes security | ThinkShield end-to-end protection with hardware, software, services, and processes security | ThinkShield end-to-end protection with hardware, software, services, and processes security | ThinkShield end-to-end protection with hardware, software, services, and processes security | |

# Lenovo Health services and support

Modern healthcare constantly evolves, and Lenovo Health is here to support you on your ongoing digital transformation journey. We offer an array of services and support programs so you can continue to meet the needs of the healthcare landscape. From strategy and procurement to deployment to end-of-life disposal, Lenovo Health provides expertise and assistance to maximize your investments.

- Data center services
- Asset management and recovery
- Premier support
- Premium care
- Device-as-a-service (DaaS)
- ThinkShield security

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## End-to-end services and support

### 01 Plan

- Whiteboard solution session
- Fleet assessment
- Custom imaging
- Image management
- Asset tagging
- Custom BIOS settings

### 02 Deploy

- Staff augmentation
- Deployment automation
- Factory services
- Advanced stocking
- Project management services
- Unified endpoint management

### 03 Optimize and protect

- Accidental damage protection
- Sealed battery warranty
- Premier support
- Help desk
- Lenovo Device Intelligence
- Security and compliance

### 04 Dispose

- Asset recovery services
- Payment for recovered hardware
- Department of Defense-certified data destruction
- Recycling and disposal
- Packaging and logistics
- $CO_2$ offset

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Contact your Lenovo Health Account
Representative or local Business Partner.
Visit **www.lenovo.com/Health**

**Follow us on Twitter @LenovoUS**

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