

Lenovo Product Portfolio

Brochure - 08/21/2023



Alina
Lehaci

alina.lehaci@bsp-group.ro

Powered by

intel®

Smarter
technology
for all

Lenovo



Your items for view

Workstations

Desktop Workstations Page 5

Laptops

Enterprise Ultra-portables Page 7

Desktops / All-In-Ones

Micro Desktops Page 9

Towers Page 10

ThinkAgile

ThinkAgile SXM Page 12

ThinkAgile VX Page 12

Visuals Page 13

Lenovo Services

Accidental Damage Protection Page 17

Product Features

Lenovo Performance Tuner Page 18

ThinkShield Page 19



Lenovo Product Portfolio

Did you know?

- With 46 world-class labs, 6500 globally recognized patents to its name and 100+ major design awards, Lenovo has a legacy of innovation.
- In 2022, Lenovo has been named among FORTUNE Magazine's World's Most Admired Companies.
- Lenovo manages 8,000 orders a day, 80% of which are small-scale orders of less than five units.
- Integrating emerging technologies such as IoT, AR, and AI, Lenovo designed an entirely automated, unstaffed convenience store of tomorrow in Beijing.



Unlocking opportunity for your business

Today's business leaders face evolving marketplace demands that require a new level of agility, security, and sustainability.



Transformed
workforce and
workplace



Intelligent
infrastructure
transformation



Transformative
and sustainable
Innovation

Smarter technology for all

We use our innovation, end-to-end expertise, and global scale, reach, & channel partnerships to deliver smarter solutions that drive better outcomes'



We empower businesses to transform with purpose

Pioneer and enabler of intelligent transformation with a history of first-to market innovations and a commitment to doubling R&D in the near-term with further US\$1 billion Investment in AI over the next 3 years.



We lead and act globally, and partner locally

Our 35 factories in 180 markets give us a global reach to more than one billion customers, while our channel-centric approach and expansive network of trusted partners provide local expertise and support.



We enable our customers from pocket to cloud

Lenovo is the only global technology provider with an integrated, open choice ecosystem of devices and solutions from the phone in their pocket to the hybrid cloud powering their enterprise.



We deliver solutions that drive better outcomes

Combining hardware, software, infrastructure, and solutions, Lenovo TruScale gives you single-source convenience for all your technology needs— with the simplicity and scalability of a flexible, pay-as-you-go model - anywhere in the world.

Workstations

From ultramobiles to the largest multi-processor desktops, our workstations enable retail analysts, designers and operations specialists to work with statistical models, data visualization and graphic design. They combine advanced components with patented cooling and diagnostic features, while built-in tools enable users to optimize performance for their preferred software applications.

Desktop Workstations

Built for future expandability and tested to exceed the requirements of the most demanding software applications used by retail analysts and designers.

Mobile Workstations

Experience enhanced customer service and interactions with these mobile workstations, specifically designed to empower retail professionals to adapt to dynamic retail environments.

ThinkPad P1 Series



ThinkStation P7 Series



ThinkStation P5 Series



ThinkStation P3 Series



Desktop Workstations

ThinkStation P5

Designed for unparalleled computing performance, this 33L tower fits the needs of retail professionals. Featuring up to 1 Intel Xeon W-2400 series processor and up to 512GB memory support, the device can tackle inventory management, sales data and ERP-based applications with confidence. Security features, including the Kensington lock slots and dTPM 2.0 chip ensure end-to-end protection against device and data theft. Its easy deployment and manageability features ensure productivity and cost-efficiency, 24/7.



Supports multiple displays via discrete graphics.

Key Specs

- Powered by Intel® Xeon® W9 processors
- Supports up to two NVIDIA RTX A6000 with NVLink
- Up to 10 drives (3x 3.5" SATA HDD + 7x M.2 SSD), 3.5" HDD up to 12TB each
- Windows 11 Pro for Workstations, Windows 11 DG Windows 10 Pro 64

Laptops

Thoughtfully designed to address the needs of performance, storage, and expandability essential for dynamic retail workflows, Lenovo's laptop portfolio is purpose-built to conquer the most demanding tasks. Offering adaptability to accommodate every facet of retail operations, from inventory management and analytics to customer relationship management and virtual storefront development, these laptops emerge as the ultimate workhorse for retail industry professionals.


Basic Laptops

For budget-conscious retail buyers, these laptops have great design and productivity features for managing sales data, retail functions and inventory usages.

Lenovo V Series




Lenovo K Series



Modern Professional

Super stylish laptops for retail experts who are drawn to consumer technology but would benefit from business-grade performance, power & security.

ThinkBook Series



Enterprise Productivity

Designed with a focus on security to safeguard sensitive customer and inventory data, reliability to ensure uninterrupted retail operations, and productivity enhancements to maximize efficiency.

ThinkPad T Series



ThinkPad L Series



ThinkPad E Series



Enterprise Ultra-portables

Compact, potent, and equipped with business-boosting functionalities, these laptops cater perfectly to retail specialists frequently shuttling between offices.

ThinkPad X1 Series



ThinkPad X Series



ThinkPad X1 Nano Gen 2

Blending performance with portability, this 13" laptop is the perfect partner for area sales managers and retailers who are frequently travelling. Productivity boosting features such as up to 1TB SSD storage and up to 32GB memory make it ideal for running multiple applications without any lags. Smart security features like match-on-chip touch style fingerprint reader, optional Vision-based User Presence and built-in ThinkShield security, help secure device and data against any evolving threats.



Features an improved ergonomic design



Key Specs

- Intel vPro®, An Intel® Evo™ Design with Intel® Core™ i7 processor
- 13.0" 2K (2160x1350) Low Power
- Powered by Windows 11 Pro

ThinkPad X1 Yoga Gen 8

Ideal for sales managers who analyze inventory data, deal with the operational aspects, and work on creatives with the design team, the device powered by up to 13th Gen Intel P or U Series Core i7 Processor can be considered. Combined with integrated Intel Iris Xe graphics, the device ensures ultrafast, versatile computing for advanced retail management software. Additionally, with a memory of up to 64GB LPDDR5, users can access or manage data in real-time.



Convertible with 360-degree hinge



Key Specs

- Intel vPro®, An Intel® Evo™ Design with Intel® Core™ i7 processor
- 14" WUXGA (1920x1200), IPS, Anti-glare, 16:10 - 400nits, 100% sRGB
- Windows 11 Pro/Home/Home Single Language

Desktops / All-In-Ones

Lenovo desktops offer flexibility for retail enterprises and include sleek space-saving all-in-ones and micro-desktops that can be hidden from view. Each device has different performance and future upgrade capabilities, designed to meet your changing needs over time.

Micro Desktops

With enterprise-grade security features and flexible expandability options, this micro desktop empowers retailers to stay agile and responsive in an ever-evolving market landscape.

ThinkCentre M9 Series Tiny




ThinkCentre M8 Series Tiny



ThinkCentre M7 Series Tiny




ThinkEdge




Towers

From inventory management to point-of-sales operations and data analysis, our range of desktop towers cater to diverse retail software needs, ensuring seamless integration and efficient workflow.


ThinkCentre M9 Series Desktop



ThinkCentre M8 Series Desktop



ThinkCentre M7 Series Desktop



Lenovo V Series Desktop



ThinkCentre Neo



Modular All-In-Ones

Seamlessly integrating a Tiny PC and display within the monitor, our modular AIO caters to the dynamic needs of retail industry professionals by enhancing collaboration, streamlining workflows and compatibility with ChromeBox and Thin Clients.

ThinkCentre Tiny-in-One Series



Regular All-in-Ones

All-in-One desktops save space by integrating the PC into the display and have built-in web cams and speakers and require only one power cable.

ThinkCentre M Series All-in-One



Micro Desktops

ThinkCentre M70q Gen 3

Thanks to its ultra-compact 1-litre design and sleek aesthetics, this micro-desktop can be used as part of any POS solution - hide it under a retail kiosk or mount it behind a display. Store managers and billing staff can handle transactions with ease with its powerful processor and storage configurations. It comes with optional WiFi 6 that enables faster internet speeds with compatible routers - useful in stores where multiple devices share a network.



Power on via
keyboard shortcut



Key Specs

- Intel Celeron, Intel Pentium, or 12th Generation Intel Core i3 / i5 / i7 / i9 Processor
- Intel UHD Graphics
- Powered by Windows 11 Pro

Micro Desktops

ThinkCentre M70q Gen 4

Thanks to its ultra-compact 1-litre design and sleek aesthetics, this micro-desktop can be used as part of any POS solution - hide it under a retail kiosk or mount it behind a display. Store managers and billing staff can handle transactions with ease with its powerful processor and storage configurations. It comes with optional WiFi 6 that enables faster internet speeds with compatible routers - useful in stores where multiple devices share a network.



Power on via
keyboard shortcut



Key Specs

- 13th Gen Intel Core i3 / i5 / i7 Processor
- Intel UHD graphics 730/770 (integrated)
- Windows 11 Pro/Home/DG Windows 10 Pro 64

ThinkCentre Neo 30a 22

Enhance everyday business productivity with this fast and intuitive desktop. Equipped with the higher processing power of up to 12th Gen Intel Core processor, as well as up to 1TB HDD and up to 512 GB SSD storage support, it is ideal for the modern workforce looking to boost productivity. Content developers can work seamlessly with its discrete Intel UHD graphics that enhances responsiveness. Firmware TPM 2.0 ensures data is encrypted end-to-end and the camera privacy shutter helps protect privacy.



Multiple ports to
enhance
collaboration



Key Specs



- Powered by Intel® Core™ i5 processor
- Intel UHD Graphics
- Windows 11 Pro 64, Windows 11 Home 64, Windows 11 DG Windows 10 Pro 64

ThinkAgile

The Lenovo ThinkAgile family of products are engineered to simplify user experience. Pre-integrated, prebuilt and pre-tested offerings accelerate application deployment and add robust capabilities to your data center faster. All ThinkAgile solutions can be easily managed through a full integration of Lenovo XClarity into the original software vendor management software for the easiest and seamless operational daily tasks.



ThinkAgile SXM

Lenovo ThinkAgile SXM is a rack-scale solution optimized with a resilient, high-performing, and secure software-defined infrastructure (SDI). It delivers Azure cloud services from the security of your own data center, enables rapid development and iteration of applications with on-premises deployment tools to help transform your organization, and ensures unified application development across your entire hybrid cloud environment.

ThinkAgile SX6000 Series	
ThinkAgile SXM4000 Series	






ThinkAgile MX

Storage Spaces Direct technology, Lenovo servers and the latest Intel technology deliver HCI building blocks for your infrastructure. Certified components and deployment/update features built into Windows Admin Center help business deploy quickly and easily.

ThinkAgile MX3000 Series	
ThinkAgile MX1000 Series	







ThinkAgile HX

Customers can run any workload, at any scale, all the time. Nutanix software with Lenovo's Number 1 reliable, high performing platforms consolidate compute, storage and virtualization software into a resource pool that's easily managed.

ThinkAgile HX7000 Series	
ThinkAgile HX6000 Series	
ThinkAgile HX5000 Series	
ThinkAgile HX3000 Series (Intel/AMD)	
ThinkAgile HX1000/2000 Series (Intel)	

ThinkAgile VX

ThinkSystem servers and VMware vSAN hyperconverged software deliver a modern risk-free IT infrastructure with accelerated deployment for a faster time-to-value. End-to-end support includes hardware installation, onsite repair, and installation of all replacement parts.

ThinkAgile VX 7000 Series (4/8 socket) Intel	
ThinkAgile VX7000 Series (2 Socket) Intel/AMD	
ThinkAgile VX6000 Series	
ThinkAgile VX 5000 Series (Intel/AMD)	
ThinkAgile VX 3000 Series (Intel/AMD)	
ThinkAgile VX2000 Series (Intel)	

ThinkAgile SXM

ThinkAgile SXM4400

The server solution integrates computing, storage, networking, and management, and it is designed with industry-standard building blocks. The SXM4400 25U and the SXM4400 42U model are powered by up to 2x Intel Xeon scalable processors and up to 64GB memory. The server configurations of an on-premises, hyper-converged, hybrid cloud platform are designed to optimize workload performance and provide IT agility to meet business demands.



[Download datasheet](#)

ThinkAgile VX

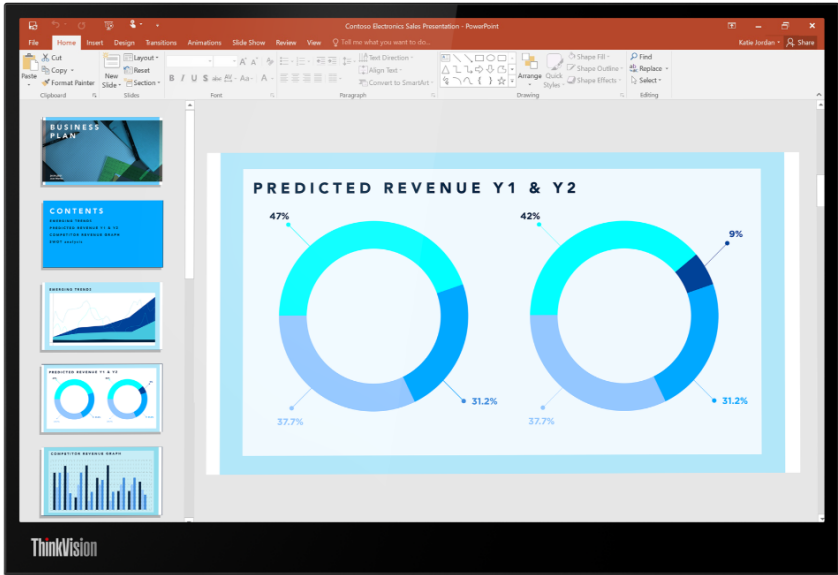
ThinkAgile VX5575

The Lenovo ThinkAgile VX5575 integrated system is a 2-socket 2U systems featuring the AMD EPYC 7003 "Milan" family of processors. With up to 64 cores per processor and support for the new PCIe 4.0 standard for I/O, the VX system offers the ultimate two-socket performance, reliability, management, and security in a 2U form factor.



[Download datasheet](#)

ThinkVision M14d



Specifications

Software Yes (Lenovo Display Control Center), Natural Low Blue Light Yes Size Unpacked w/ Stand (Highest Position) (D x H x W) (mm/inch) 106.4 x 227.5 x 314.4 mm 4.19 x 8.96 x 12.38 inches Weight Unpacked (kg / lbs.) 0.6 kg / 1.3 lbs.

The All-Out Visual Performer

The Mobile Monitor has a 2.2K, 104 PPI, 2240 x 1400 resolution screen with an IPS panel that offers excellent, sharp performance, and superb visibility from wide viewing angles. Its 16:10 aspect ratio and its 'mirror and extend' feature means that it is perfectly aligned with the viewing format of your 16:10 notebook.

Power Pass-Through for Extra Convenience

It comes with 2 x USB Type-C ports with up to 65W power pass-through. This unique feature means you can power your monitor and charge your notebook simultaneously while keeping your desk clutter-free. Now, you don't have to worry about charging multiple devices. Just charge your notebook and connect your mobile monitor for uninterrupted performance.

Portable and Comfortable

This slim, lightweight, ultra-portable monitor's 14-inch screen is just 4.6 mm thick, making it very easy to carry. It also comes with Natural Low Blue Light technology that protects your eyes from harmful blue light enables you to have a strain-free viewing experience without color distortion. Even when you are viewing it for long hours. Its Mount feature helps you adjust the monitor for enhanced ergonomics and

ThinkVision T27hv-30 Monitor



Specifications

Connectivity

Video Signal

1 x USB 3.2 Gen 1 Type-C (90W)

1 x HDMI 2.1

1 x DP 1.4

1 x DP Out

Audio Signal

1 x Audio Combo (3.5 mm; In/Out)

USB Hub

Yes

Ethernet

Yes (10M/100M/1000M)

USB Upstream

1 x USB 3.2 Gen 1 Type-C (90W)

USB Downstream

4 x USB 3.2 Gen 1 Type-A

Gets you to work quickly!

Ultra-fast login is now possible on the monitor, using the IR+RGB Camera, which supports the Windows Hello Facial Recognition feature. The conveniently placed hook switch, volume control, and mute button ensure that changing the monitor's settings is extremely easy. Using the Ethernet and USB-C input, you can connect the monitor to the display with a single cable!

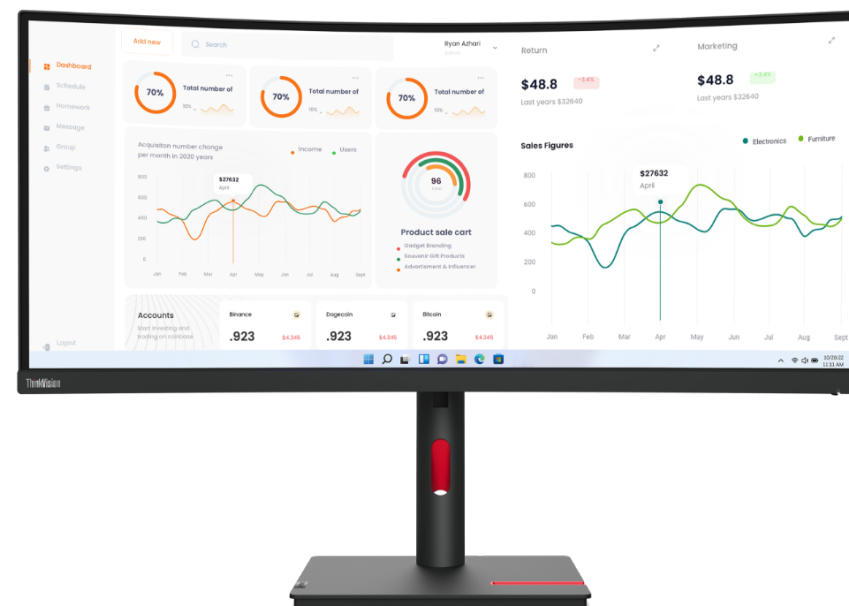
Puts your meetings in focus!

With the monitor's dedicated Teams button, getting to meetings has never been easier. The in-built dual 5W speakers produce clear stereo sound so that you never miss a word of what's said in any meeting, while the two ENC microphones ensure that you sound perfectly clear! Additionally, the 5MP camera ensures that you look sharp in all your video meetings.

Makes you comfortable.

The introduction of the new smart sensor allows the monitor to really elevate your user experience and even care for your health. The monitor can now alert you when you've been sitting for a long and when you're sitting way too close to the screen. Additionally, it can even turn off the monitor when it senses that you're away.

ThinkVision T34w-30 Monitor



Specifications

CONNECTIVITY

Video Signal

1 x USB Type-C (DP 1.4 Alt Mode)

1 x HDMI 2.0

1 x DP 1.4

Audio Signal

1 x Audio Out (3.5 mm)

USB Hub

Yes

Ethernet

Yes (10M/100M/1000M)

USB Upstream

1 x USB 3.2 Gen 1 Type-C

USB Downstream

4 x USB 3.2 Gen 1 Type-A (1 x BC1.2)

MECHANICAL

Sharp, immersive display

Its captivating 3440 x 1440 resolution enriches picture quality and lets you in on all the finer details. Backed by a 99% sRGB color gamut and 21:9 aspect ratio, it displays perfectly detailed and true-to-life colors in panoramic views.

Productivity par excellence

The monitor is designed for efficiency with a host of connectivity options including a USB Type-C, HDMI and DP ports. Network connectivity becomes faster, more stable and safer too with ethernet support that includes MAPT, PXE and WOL (S3-S5).

Ergonomically and environmentally advanced

It comes with enhanced ergonomic features- up to 155 mm height adjustability, -5°/23.5° tilt range and -45°/45° swivel angle to help you work comfortably. An open phone slot and cleaner cable management provisions means a clutter-free desk!

ThinkVision P27q-30



Specifications

- Factory Calibration Yes (Avg. Delta E<2) Software
 - Lenovo ThinkColour (Lenovo Display Control Center)
 - Natural Low Blue Light Yes
- Size Unpacked w/ Stand (Lowest Position) (D x H x W) (mm/inch):
204.5 x 380.3 x 611.9 mm/8.05 x 14.97 x 24.09 inches Weight (Monitor Head Only) (kg/lb) 4.7 kg / 10.4 lbs.

Expand your point of view

It flaunts a 27-inch 2560 x 1440 QHD resolution IPS (In-Plane Switching) display that exhibits crisp visuals from end-to-end, from nearly any corner with color accuracy and excellent contrast ratio even from wide viewing angles. Built with a 4-side Near-Edgeless design, staying focused is easy while having more screen and less noise.

Productivity with flexibility

Plug-and-play an additional screen to enjoy dual screens via daisy chain (DP output). It lets you unleash new possibilities by connecting multiple external devices with an extensive variety of connectors that include HDMI 2.0, DP 1.4, and an array of USB ports.

Built for convenience, with care

The ergonomically designed stand has extended lift and swivel ranges to easily adjust the monitor to the height and angle that best lets you work comfortably. Plus, the monitor is made TCO 9.0 compliant, and is boxed in a paper package with pulp cushion.

Accidental Damage Protection

Protect from the unexpected

Today's highly mobile workforce knows that accidents happen. Drops, bumps, and spills can damage even the most durable and well-engineered tablets, PCs, and Smart Displays. And since standard warranty terms and conditions don't cover accidental damage to devices, that's where Lenovo's Accidental Damage Protection service comes in.

Covering accidents beyond the system warranty and protecting your devices from non-warranty operational or structural failures incurred under normal operating conditions, **Accidental Damage Protection (ADP)** service helps IT departments avoid purchasing and managing extra inventory to replace damaged units.

ADP offers your organization:

- **Peace of mind:** Avoid unexpected costs associated with replacing damaged system parts.
- **Comprehensive coverage:** Labour, parts, and full system replacement in cases where repair is not possible.
- **Quality assurance:** Performed by Lenovo trained technicians using qualified parts.

Standard warranty terms and conditions don't cover accidental damage and experience shows that a significant portion of users' devices will be damaged and not covered under warranty in the first three years. This is where **ADP will help you save up to 80% of your repair or replacement costs** (depending on device type and repairs needed).



Although many manufacturers limit the number of claims to once per year, Lenovo provides continued coverage and multiple repairs, or a single replacement of your laptop or desktop.



Lenovo Performance Tuner

get the most out of your workstation



Lenovo™



AVAILABLE ON
All ThinkPad and
ThinkStation workstations

Workstations are the device of choice for users who need advanced compute performance to manage heavy workloads. Lenovo workstations, powered by Intel processors, come packed with productivity-enhancing features and ISV certifications that allow professionals across industries to perform better. But since workstations cost more than traditional desktops, it is important to optimize the performance of the workstation so users can get the most out of their device. Lenovo Performance Tuner is a free performance optimization tool for Lenovo ThinkPad and ThinkStation P-series devices that can help users do just that.

Advanced performance

Lenovo Performance Tuner (LPT) makes getting the most out of your applications easy. Users can launch the pre-installed Lenovo Performance Tuner tool to change system settings to optimize performance and user experience dynamically. These include processor affinity, power management, BIOS management, graphics management and resource monitoring and tuning.

For example, with Lenovo Performance Tuner, users can reserve specific CPU cores just for the application they are working with. That means that selected applications always performs at the maximum, regardless of what the rest of the system is doing. The tool can even change these settings automatically when you switch applications.

In fact, the management of processor affinity is one of the key advantages of Lenovo Performance Tuner. LPT adjusts the affinity of other processes in the system in addition to the optimized application. This allows

users to fully reserve CPU cores for the optimized application.

This free tool comes with numerous pre-configured profiles for many popular ISV applications like AutoCAD, SolidWorks, Adobe and Creative Suite, which can be customized too if required. Even if an application profile is not pre-configured, it is remarkably easy to create settings for any application in just a few simple steps.

Key benefits

Increase Performance:

Eliminate interruptions to allow single-threaded applications, like most CAD applications, to have dedicated core support for lightning-fast workflows.

Boost Productivity:

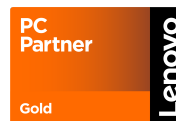
Eliminate bottlenecks by carving out resources for heavy workloads, like multi-threaded applications, while allowing your system to continue to be responsive when rendering videos or running simulations.

Optimize Manageability:

Maintain control and flexibility through customizable application profiles, admin control, and lockable application profiles, perfect for IT professionals and resource monitoring.

Total control

Lenovo Performance tuner gives end-users the ability to fine-tune their system resources to the specific ISV applications they use and get more done without over burdening their device. It comes pre-installed on all Lenovo mobile and desktop workstations.



Business Service Provider Srl

[Partner website >](#)

ThinkShield

end-to-end security



Intel® Core™ i7 processor

PrivacyGuard



ThinkShutter
and Windows Hello

Secure WiFi



Biometric login

AVAILABLE ON
ThinkPad, ThinkBook,
ThinkCentre and
ThinkStation

Phishing, malware, and technical vulnerabilities can cause immense damage to a business. Up to 60% of SMBs shut down in just six months after a security breach¹. The cost of the average data breach far outweighs the incremental costs of end-to-end security. Investing in the right solutions will not only protect businesses from security breaches but also enable easier integration of new technology and help optimize IT resources.

ThinkShield, from Lenovo, is a custom solution that secures your most critical data and business technologies with comprehensive end-to-end protection.

Security by Design

Lenovo follows a security by design approach through the entire product cycle. What this means is that every time we envision a new device or platform, we examine it against the existing as well as the emerging threat landscape. We incorporate the learnings from this exercise back into the product management and R&D teams which allows us to build advanced security protocols – like self-healing BIOS or tamper switch technology – directly into our hardware. The ThinkShutter camera cover, for example, is an industry-leading feature that users expect their business devices to have.

This approach continues into securing our supply chain with robust practices and policies. With processes such as Trusted Supplier Program, a rigorous vetting process to ensure every supplier meets the highest standards of trust.

Advanced Solutions

To ensure you have maximum endpoint protection, Lenovo provides advanced solutions that can withstand the threats of tomorrow with our built-in platform security, additional device protection, threat + data protection, and security management offerings.

Through strategic partnerships with renowned security experts, Lenovo is able to offer solutions that seamlessly integrate with your Lenovo devices to ensure your critical data and business technologies are protected. For example, SentinelOne's patented AI agent model that lives on each device, predicting tomorrow's attacks today and enabling devices to self-heal from broad modes of attack instantaneously.

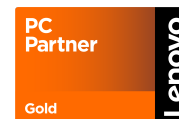
ThinkShield also includes solutions that provide capabilities to deploy, monitor, and report IT assets. Consider Lenovo Patch, a proprietary Microsoft System Center Configuration (SCCM) plug-in solution that simplifies Lenovo BIOS, driver, and 3rd party application updates

Stay Two Steps Ahead

ThinkShield solutions seamlessly integrate with our industry-leading Lenovo devices to improve your user experience and operational efficacy while helping to minimize overall IT cost. With ThinkShield protecting your IT investments, you can focus on what matters more – your business.

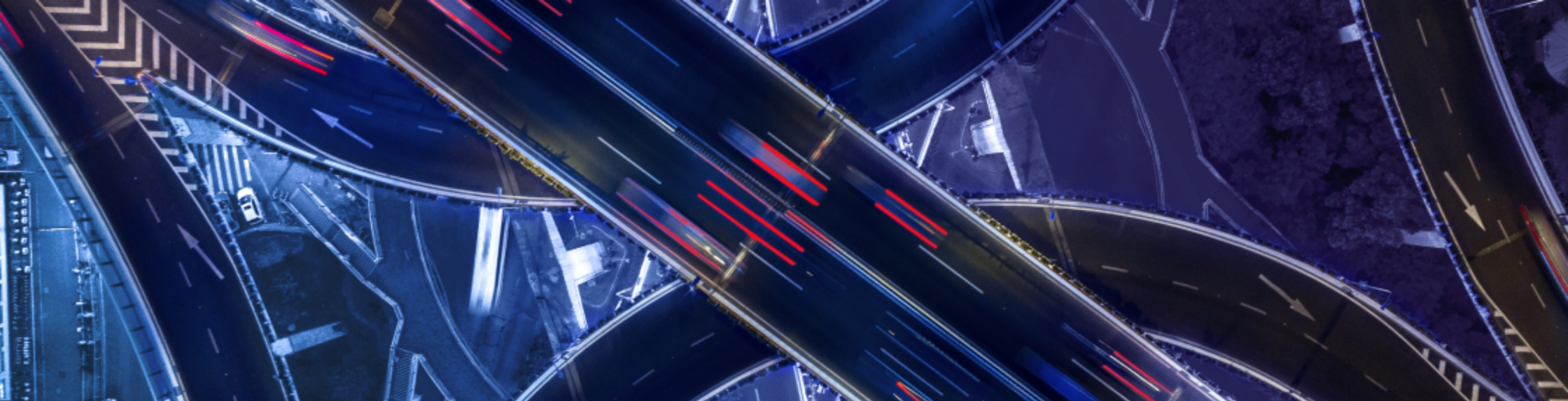
To know more about how ThinkShield can help your business, click [here](#).

¹ Inc.com



Business Service Provider Srl

Partner website >



**User free-text for QR. Ready
to bring your vision to life?**

40746909090

alina.lehaci@bsp-group.ro

<https://bsp-shop.ro/>