

V1.0 FYQ1 2019

**LENOVO
WORKSTATIONS**
TO INCREASE YOUR
CAPITAL GAINS



Powered by
Intel® Core™ Processors



EQUIPPING THE FINANCIAL SERVICES INDUSTRY WITH NEXT-GEN TECHNOLOGY

The Financial Services Industry has always been the fastest to acknowledge and adapt to newer technologies. It is therefore not surprising that technologies like AI, Robotic Process Automation (RPA) analytics, IoT, and Big Data are shaping it today. To keep up with the constantly evolving customers of today, organizations need to be a step ahead especially with regard to technology. They not only need high-performing devices but also highly secure devices. Here are some common challenges financial services organizations face today:

- UPGRADING LEGACY INFRASTRUCTURE
- MITIGATING SECURITY RISK
- ADAPTING TO NEWER TECHNOLOGIES

To overcome these hurdles, businesses must invest in a technology architecture that enables their workforces to achieve maximum efficiency and enhance customer experience. **Lenovo has a comprehensive portfolio of hardware and software solutions designed to transform the financial services industry for the needs of tomorrow.**

WHY LENOVO WORKSTATIONS FOR FINANCIAL SERVICES

Offering enterprise-grade performance, Lenovo's workstations are designed for supreme productivity. These ISV-certified workstations are engineered for professionals who need unprecedented power to work on capital market analysis, run intensive software such as VantagePoint and MetaStock, and manage huge volumes of data. These devices are powered with the latest generation processors, cutting-edge memory, advanced graphics, modern connectivity options, and robust security to enable maximum productivity for professionals in financial organizations.



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THINKSTATION P330 TOWER/SFF/TINY

Enterprise-Ready Workstations
for Reliable Performance



THINKSTATION P330 TINY

THINKSTATION P330 SFF

THINKSTATION P330 TOWER

Target User

Professionals who need greater processing power and graphics capabilities to work on data-intensive files.

USE CASE

Trading and Asset Management

Executives can work on complex spreadsheets effortlessly with latest **Intel® processors**, cutting-edge memory and graphics in this series of workstations. The **TPM 2.0 chip** encrypts data and keeps sensitive business information safe.



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THINKSTATION P330 TOWER

Processor

Up to Intel® Xeon® E-2100,
Up to 8th Generation Intel® Core™ i7 Processors

Storage

Up to 3 x 1TB M.2 PCIe NVMe SSD

Graphics

NVIDIA® Quadro® P4000,
NVIDIA® Quadro® RTX™ 4000

Memory

Up to 64GB 2666MHz UDIMMs (for ECC and non-ECC)

Security

TPM 2.0,
Kensington® lock slot

THINKSTATION P330 SFF

Processor

Up to Intel® Xeon® E-2100,
Up to 8th Generation Intel® Core™ i7 Processors

Storage

Up to 3 x 1TB M.2 PCIe NVMe SSD

Graphics

Up to NVIDIA® Quadro® P1000

Memory

Up to 64GB 2666MHz UDIMMs (for ECC and non-ECC)

Security

TPM 2.0,
Kensington® lock slot

THINKSTATION P330 TINY

Processor

Up to 8th Generation Intel® Core™ vPro™ Processor

Storage

2 x 1TB M.2 PCIe NVMe SSD

Graphics

NVIDIA® Quadro® P620 2GB

Memory

32GB Intel® Optane™ NVMe M.2,
Up to 32GB DDR4 2666MHz SoDIMM

Security

TPM 2.0,
Kensington® lock slot

Key features of ThinkStation P330 Tower/SFF/Tiny

The ThinkStation P330 Tower comes with a front-mounted **Flex Tray** that allows users to either add or remove storage drives or **Thunderbolt™ 3** ports.

The ThinkStation P330 SFF with the **Lenovo Performance Tuner**, allows users to fine-tune power management and launch **BIOS-based protection**, processor priority, and graphics features.

The ThinkStation P330 Tiny with **NVIDIA® Quadro®** graphics supports 6 independent displays and offers a better viewing experience to data analysts.

Lenovo

ACCESSORIES

EFFORTLESS MULTI-SCREEN SETUP

Key Feature

Convenient mounting for a clutter-free workspace

Use Case

Analysts can easily pair monitors with this stand to transform them into a dual-screen Tiny-in-One for effortless multitasking. Ergonomic features like adjustable height and tilt functions allow users to position the monitors to suit their working styles.



TIO DUAL MONITOR STAND

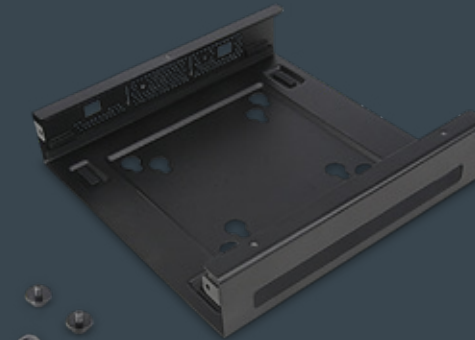
EASY MOUNTING

Key Feature

Flexible mounting and space-saving

Use Case

Asset managers have a lot going on at their desk. The ThinkCentre Tiny ecosystem of accessories provide efficient mounting solutions for a clutter-free desk space.



THINKCENTRE TINY VESA MOUNT II



THINKCENTRE TINY CLAMP BRACKET MOUNT KIT II

INCREASED EFFICIENCY

Key Feature

Two-in-one convenience

Use Case

Users can get two-in-one convenience as the plug and play micro wireless receiver easily connects both input devices. The ergonomic keyboard with numeric keys provides a comfortable typing experience while the ambidextrous mouse offers easy navigation.



LENOVO PRO WIRELESS KEYBOARD AND MOUSE COMBO

MULTITASKING REDEFINED

Key Feature

One key picture-by-picture (PBP) KVM switch and picture-in-picture (PIP) functionalities

Use Case

Traders and asset managers can experience improved productivity with picture-by-picture (PBP) and picture-in-picture (PIP) functionalities. The one-key KVM switch for picture-by-picture functionality simplifies multitasking by allowing users to view data from two video inputs. The picture-in-picture functionality enables users to compare data from multiple screens simultaneously.



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THINKVISION P44w (43.4")

THINKSTATION P520C

Powerful Workstation for Bigger Profits

Processor

Intel® Xeon® W Series Processor (Up to 18 cores, Up to 4.5GHz)

Storage

On-board: 2 x PCIe SSD M.2

Graphics

Up to NVIDIA® Quadro® RTX™ 4000 or P5000

Memory

Up to 128GB DDR4, 2666MHz, 4 DIMM slots

Security

Kensington® cable slot



THINKSTATION P520c



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Target User

Professionals who need to handle complex financial software and applications.

USE CASE

Trading and Asset Management

Traders and asset managers can work on extensive datasets effortlessly with **Intel® Xeon® Processor, NVIDIA® Quadro graphics, and DDR4 memory** that offer professional-grade performance.

ACCESSORIES

MULTITASK WITH CONFIDENCE

Key Feature

One key picture-by-picture (PBP) KVM switch and picture-in-picture (PIP) functionalities.

Use Case

Stockbrokers and traders can work and compare huge volumes of data with one-key PBP that supports video inputs from two sources and PIP functionality for seamless multitasking.



THINKVISION P44w (43.4")

ENHANCED USER COMFORT

Key Feature

Plug and Play convenience

Use Case

A micro wireless receiver conveniently connects both input devices. The mouse has a laser sensor for precision tracking and the keyboard with numeric keys provides a comfortable typing experience.



LENOVO PRO WIRELESS KEYBOARD AND MOUSE COMBO

THINKPAD P52S (15.6")

Designed to Elevate Productivity

Processor

8th Generation Intel® Core™ Processor

Storage and Memory

Up to 1TB NVMe PCIe SSD,
Up to 2TB HDD (5400rpm),
Up to 32GB DDR4
2400MHz

Graphics

NVIDIA® Quadro® P500

Security

fTPM 2.0,
Touch Fingerprint
Reader

Battery

Up to 26 hours
with secondary
battery combo*



THINKPAD P52s

*Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.



Powered by
Intel® Core™ Processors

Target User

Professionals who work with voluminous datasets and compute complex data on the move.

USE CASE

Trading and Asset Management

Trade analysts and business development professionals can enjoy unimpeded productivity with the robust **8th Generation Intel® Processor**, **DDR4 memory**, and **NVIDIA® Quadro® graphics**. Users can benefit from the **fTPM 2.0 chip** which encrypts user data and **Touch Fingerprint Reader** which authenticates user identity for hassle-free mobility.

ACCESSORIES

ENHANCED VISUAL CLARITY

Key Feature

One key picture-by-picture (PBP) KVM switch and picture-in-picture (PIP) functionalities

Use Case

One-key picture-by-picture (PBP) KVM switch that supports video inputs from two sources and picture-in-picture (PIP) functionalities are ideal for viewing complicated spreadsheets with ease.



THINKVISION P44w (43.4")

CONVENIENT CONNECTIVITY

Key Feature

High-speed data transfers at 40Gbps

Use Case

Trade analysts on the move can connect to other peripherals, transfer sensitive data, and charge their device simultaneously with this versatile dock.



THINKPAD THUNDERBOLT™ 3 WORKSTATION DOCK

THINKPAD P1 (15.6")

Performance Your Business Can Bank On

Processor

8th Generation Intel® Core™ Processor

Storage and Memory

512GB PCIe SSD, 16GB DDR4 2666MHz (Supports up to 64GB)

Graphics

NVIDIA® Quadro® P1000 4GB

Security

fTPM 2.0, Touch Fingerprint Reader, ThinkShutter camera cover

Battery

Up to 13 hours*



THINKPAD P1

*Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.



Powered by Intel® Core™ Processors

Target User

Specialists who work with real-time financial data and applications and are required to make crucial decisions while working remotely.

USE CASE

Trading and Asset Management

Analysts and brokers can experience improved productivity on the move with the **8th Generation Intel® Core™ Processor**, ISV-certified applications, and graphics that allow efficient data visualization. The **fTPM 2.0 chip** encrypts and secures user data, while the **Touch Fingerprint Reader** and **ThinkShutter camera cover** ensure user and data privacy.

ACCESSORIES

ADVANCED PRODUCTIVITY

Key Feature

One-key picture-by-picture (PBP) KVM switch and picture-in-picture (PIP) functionalities

Use Case

Analysts can easily compare multiple datasets simultaneously with picture-by-picture (PBP) and picture-in-picture (PIP) functionalities. The one-key PBP KVM switch allows data comparison from two video inputs.



THINKVISION P44w (43.4")

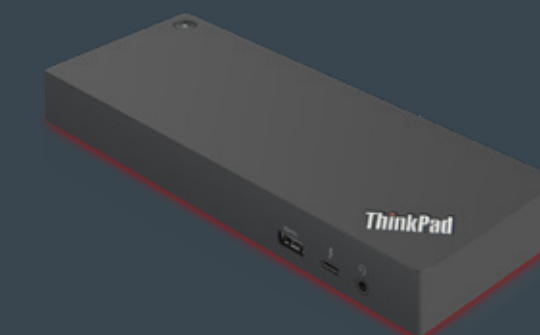
SUPERIOR CONNECTIVITY

Key Feature

Effortless connectivity to peripherals

Use Case

Portfolio managers can connect up to three 4K UHD displays, and blaze through large datasets at 40Gbps speed without a hitch.



THINKPAD THUNDERBOLT™ 3 WORKSTATION DOCK

HIGHLIGHT TECH

With the average daily number of trades going through the ceiling, financial services institutions don't just require new-age devices with high graphics and performance capabilities, but also need sophisticated technology to handle increased volumes and speed in trading.

LENOVO'S PORTFOLIO OF WORKSTATIONS IMPROVES PRODUCTIVITY WITH TECHNOLOGIES SUCH AS:



M.2 Drives

To make multitasking easier for financial traders and asset managers, M.2 storage drives provide greater storage capacities, high bandwidth, and low latency for real-time data access. Based on NVMe technology, these cards enable quicker boot-ups and open files faster, thereby increasing productivity.



ECC Memory

Financial analysts work on and manage large volumes of data every day. The error correcting memory intelligently detects and corrects single-bit memory errors and increases work efficiency. It helps preserve the integrity of data, prevent data corruption, and system crashes and failures.



ThinkPad Glance

For financial professionals who multitask occasionally, ThinkPad Glance allows them to toggle between screens by simply moving their eyes. This facial recognition technology merges face, eye, and gaze tracking for an intuitive interaction. It also allows customizable automatic locking using the IR Camera and Windows Hello when the user is away from the infrared camera.



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5 REASONS WHY LENOVO IS A DIFFERENCE MAKER



Trusted around the world



Expertise across categories



Confidence in our products



Business-boosting technology



Flexible support network

Lenovo



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