

Financial Environments

Finance in the Modern Era

Modern trading and finance don't keep regular office hours, or even regular places of business. Beyond the demand for fast transactions, the trading floor – wherever it resides – has an insatiable hunger for information. Trading desks now need multiple computer connections, diverse display models, data access and convergence at every level.

If you're working in this industry, or the companies serving it, you'll need to make sure you've got the robust toolsets that this innovation demands.

See the most common industry workflows next:



Markets & Trading

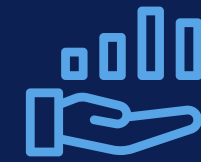


The trading floor has transformed. To keep you up to speed, Dell Precision workstations offer a platform that accommodates future innovations and the ever-evolving vision of traders, whilst providing your financial organization with maximum uptime, performance and productivity.

Markets & Trading



TRADER



BROKER



DATA ANALYST

Challenges:

1

Need for reliability, performance, and connectivity for multiple high-resolution monitors on the trading floor.

2

Incorporating emerging technologies such as AR/VR and AI to enhance analysis, as well as big data analytics.

3

Insufficient processing power and stability in analyst workflows results in lost productivity due to bottlenecks and system crashes.

Overcome these challenges with Dell's solutions below:

Trading / Financial Analysis

Data Analysis

Home Trading Solution

Precision 3280 Compact Tower Workstation

In the fast-paced world of finance, the Dell Precision 3280 Compact Tower workstation stands as a beacon of efficiency and reliability. Its 2.9L compact size belies its immense power, seamlessly fitting into any trading floor or analytical hub. With multiple mounting options and a rack-based configuration, it offers unmatched versatility for the dynamic needs of financial professionals.

The 14th Gen Intel® Core™ i9 processor and 64GB of DDR5 memory ensure that your financial models and datasets load with unprecedented speed, giving you the edge in stock trading and complex analyses.

The NVIDIA RTX™ 4000 Ada SFF (70W) graphics elevate your AI and HPC tasks, providing the computational might to navigate the markets with confidence. And with up to 8TBs of internal storage, you'll never be at a loss for space, no matter the size of your data.





Dell UltraSharp 27 4K USB-C Hub Monitor | U2723QE
Be your most productive on a 27 inch monitor with brilliant color and contrast that features the industry's first IPS Black technology and a connectivity hub.*



Dell Pro Wireless Keyboard and Mouse | KM5221W
Combining a discreetly powerful keyboard with an expertly designed mouse, the Dell Pro Wireless Keyboard and Mouse combo enhances your productivity. Powered by one of the industry's leading battery lives of up to 36 months.

HTC Vive Pro 2
Visualize in 5K fidelity. Explore VR content in brilliant clarity and bring out the finer details with a combined 4896 x 2448 resolution.



Dell Dual Monitor Arm | MDA20
Quickly install this Dell Dual Monitor Arm – MDA20 for a comprehensive monitor and system mounting solution.

Precision All-in-One Display and Stand | CFS25
Mount your Precision on the All-in-One Display and Stand to save space.



*Based on Dell analysis of comparable monitors, June 2020

Scalable Trading Solution

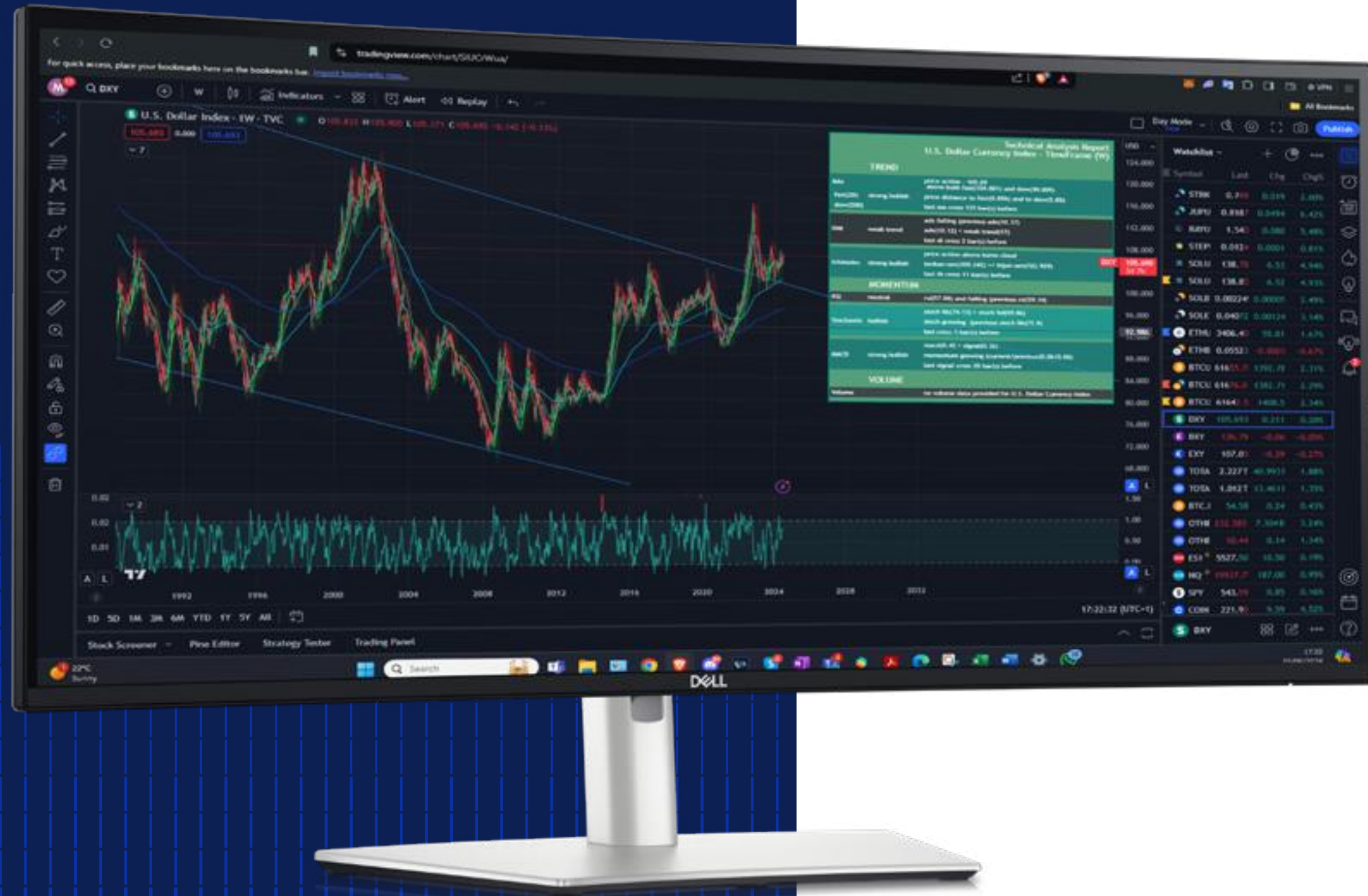
Precision 5860 Tower Workstation

For finance professionals who navigate the high-stakes world of stock trading and financial analysis, the Dell Precision 5860 Tower workstation is an indispensable ally.

This mid-sized tower offers scalable performance to match the intensity of the trading floor, with an up to 24 Cores, 225W Intel® Xeon® Processor that ensures ultimate performance for real-time data processing. Dual AMD or NVIDIA 300W graphics cards deliver professional-grade visuals, enabling you to analyze complex charts and graphs with ease.

With up to 56TB of storage and versatile drive options, your vast financial datasets are managed effortlessly. The 2TB of 4800MHz DDR5, 4-channel memory allows for seamless multitasking across multiple trading platforms.





Dell UltraSharp 34 Curved Thunderbolt™ Hub Monitor | U3425WE

Experience clear focus and greater comfort with a 34" curved Thunderbolt™ hub monitor featuring 5-Star Eye Comfort and 120Hz refresh rate.



Dell Premier Multi-Device Wireless Keyboard and Mouse | KM7321W

Multi-task seamlessly across 3 devices with this premium full-size keyboard and sculpted mouse combo featuring programmable shortcuts and 36 months battery life.

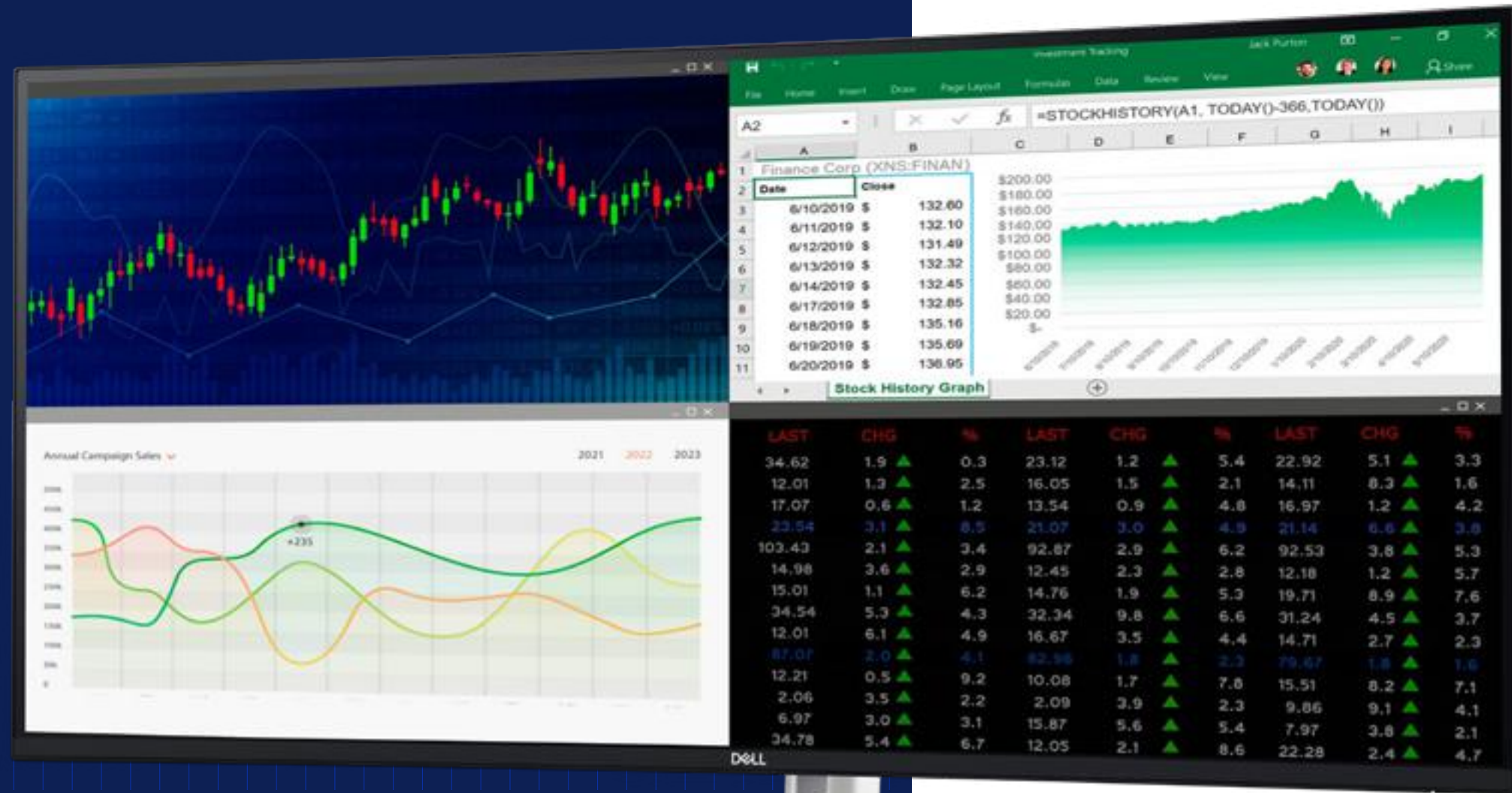


Dell UltraSharp Webcam | WB7022

Elevate your video conferencing experience on this powerful, intelligent 4K webcam that optimizes your visuals with a large 4K Sony STARVIS™ CMOS sensor and AI Auto-Framing.

High Performance Trading Solution

Accessories



Dell UltraSharp 40 Curved Thunderbolt™ Hub Monitor | U4025QW
Elevate your performance with a 40-inch curved Thunderbolt™ hub monitor featuring a stunning 5K display and a 120Hz refresh rate.



Dell Premier Multi-Device Wireless Keyboard and Mouse | KM7321W

Experience superior multitasking features with a stylish and comfortable premium keyboard and mouse combo. Complete your tasks powered by one of the industry's leading battery lives at up to 36 months.



HTC Vive Pro 2

Visualize in 5K fidelity. Explore VR content in brilliant clarity and bring out the finer details with a combined 4896 x 2448 resolution.

Financial & Data Analysis

Financial advisory firms are under enormous pressure to enhance front offices with new digital technology, as well as transform business and operating models. Finance is not just about number crunching anymore: social finance, AI-enabled finance, and instant finance are just some of the recent trends shaking up the industry. Keep pace with innovation using Dell Precision workstations. They're used to power trading floors, financial analysis and banking through close partnerships with financial institutions and ISVs.

Financial & Data Analysis



FINANCIAL ANALYST



FINANCIAL ADVISOR



DATA ANALYST

Challenges:

1

Need for reliability, performance, and connectivity for multiple high-resolution monitors on the trading floor.

2

Incorporating AR/VR and AI to enhance analysis, as well as big data analytics.

3

Insufficient processing power and stability in analyst workflows losing productivity due to bottlenecking and system crashes.

Overcome these challenges with Dell's solutions below:

Trading/Financial Analysis

Data Analysis

Entry-Level Solution

Precision 3460 Small Form Factor

Maximize your market impact with the Dell Precision 3460 Small Form Factor workstation, a compact yet potent ally for finance professionals. This intelligent, space-saving powerhouse is optimized for AI-driven stock trading and financial analytics, ensuring that performance and responsiveness go hand-in-hand.

With professional graphics from AMD and NVIDIA, experience a visual interface so smooth, it makes every analysis and projection a breeze. The Intel Core i9, 24 (8P + 16E) Core™ processors, paired with NVIDIA RTX 4000 Ada graphics and 64GB of 4800MHz DDR5 memory, provide the relentless speed and precision required in the financial sector.

With up to 20TB of RAID-capable storage, data security and accessibility are guaranteed. Stay connected with integrated Wi-Fi 6E and Bluetooth 5.2 with vPro, ensuring seamless communication in the fast-paced world of finance.





Dell UltraSharp USB-C Hub Monitor | U2421E

Experience vibrant color and reduced harmful blue light emissions with ComfortView Plus. Featuring an RJ45 port for Ethernet connectivity.



Dell Premier Multi-Device Wireless Keyboard and Mouse | KM7321W

Multi-task seamlessly across 3 devices with this premium full-size keyboard and sculpted mouse combo featuring programmable shortcuts and 36 months battery life.



Dell Pro Wireless Headset | WL5022

Work from anywhere with this Bluetooth Teams certified headset that lets you switch seamlessly to your PC or smartphone and enjoy crystal clear audio on the go.

Dell Small Form Factor All-in-One Stand | OSS21

Securely house your Precision small form factor desktop and Dell monitor neatly on your desk with the compact Dell Small Form Factor All-in-One Stand – OSS21.



Dell UltraSharp Webcam | WB7022

Elevate your video conferencing experience with the world's best image quality 4K webcam that optimizes your visuals with a large 4K Sony STARVIS™ CMOS sensor and AI Auto-Framing.



HTC VIVE XR Elite™

Powerful. Convertible. Lightweight. Vive XR Elite delivers standalone and PC VR experiences with precision inside-out tracking – all in an ergonomically enhanced new form.

- Form-fitting comfort
- Real-world awareness
- Easily adjustable
- Navigate naturally
- Seamless interaction



Scalable Solution

Precision 3680 Tower Workstation

The Dell Precision 3680 Tower workstation is a financial workflow powerhouse, designed to meet the rigorous demands of stock trading and AI-driven financial analysis.

With Unlimited Turbo Duration*, its processors operate at peak power levels, achieving turbo frequency to swiftly process real-time market data. The option to configure up to 450W professional graphics from NVIDIA or AMD, including dual graphics, translates into unparalleled visualization of financial trends.

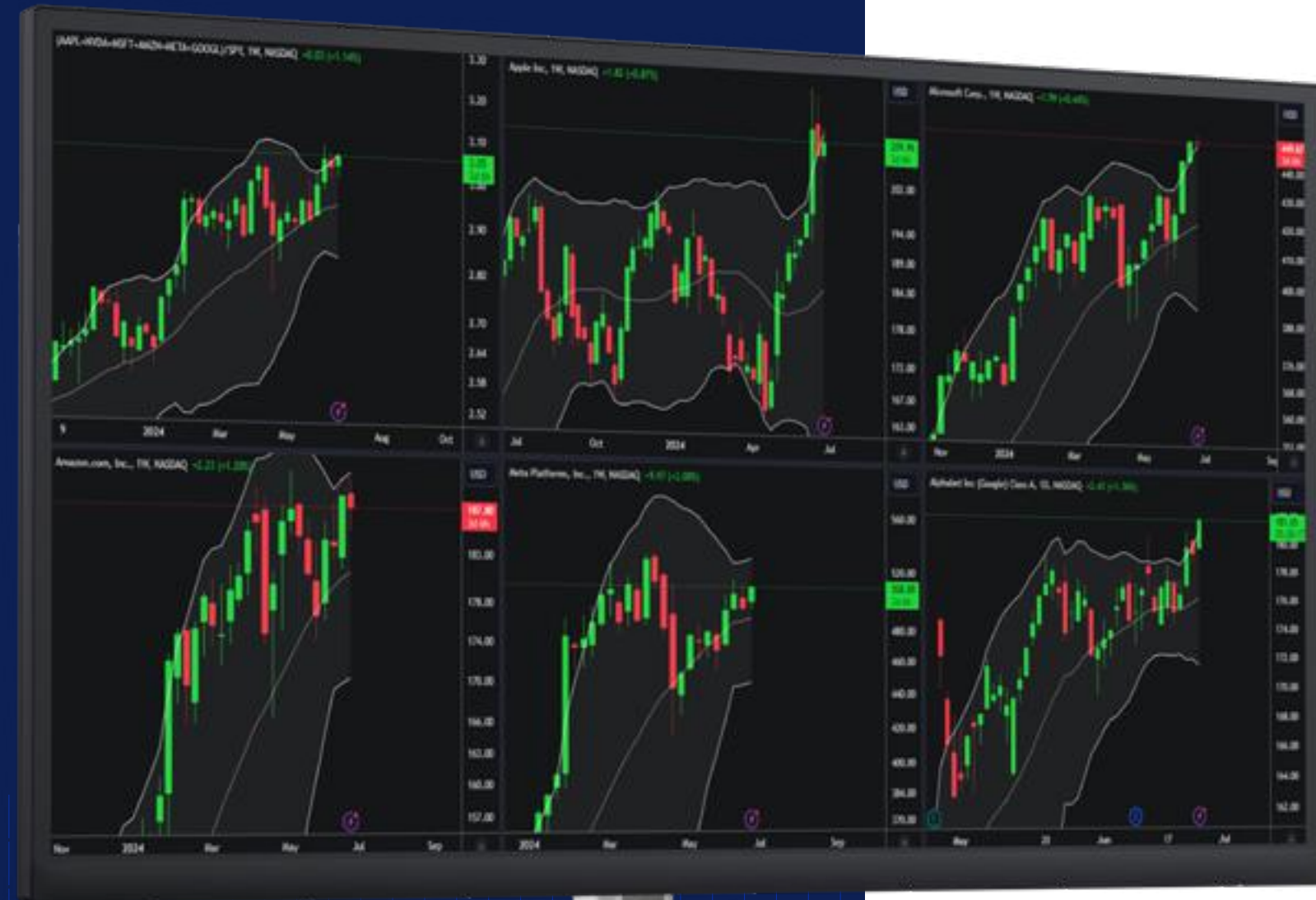
Its scalable performance is evident in the up to 28TB of storage and 128GB of DDR5 memory, ensuring that large datasets and complex algorithms run smoothly.

*An impressive new Air Cooler and Air Shroud allow for an unlimited turbo duration for 125W Intel® Core™ 14th gen processors.



Scalable Solution

Accessories



Dell 27 Monitor | P2723D

Stay focused on a 27-inch QHD monitor optimized to deliver high performance details and clarity.



Dell Pro Wireless Keyboard and Mouse | KM5221W

Combining a discreetly powerful keyboard with an expertly designed mouse, the Dell Pro Wireless Keyboard and Mouse combo enhances your productivity. Powered by one of the industry's leading battery lives of up to 36 months, this combo is built to last.



Dell Pro Wireless ANC Headset | WL5024

Elevate your workday communication with a headset that comes equipped with an AI-based microphone and Hybrid Active Noise Cancellation, designed to reduce background noise, ensure comfort, and bring your productivity to the next level.



HTC VIVE XR Elite™

Powerful. Convertible. Lightweight. Vive XR Elite delivers standalone and PC VR experiences with precision inside-out tracking — all in an ergonomically enhanced new form.

- Form-fitting comfort
- Real-world awareness
- Easily adjustable
- Navigate naturally
- Seamless interaction



Dell UltraSharp Webcam | WB7022

Experience best image quality in its class with the world's most intelligent 4K webcam.

Entry-Level Data Analytics

Precision 5490 and 5690 Mobile Workstations

For finance professionals who thrive on data analytics and AI-driven financial workflows, the Dell Precision 5490 and 5690 mobile workstations are indispensable.

These compact powerhouses boast the world's smallest footprint for 14" and 16" workstations*, yet they pack a formidable punch with optional OLED 4k touch displays and WiFi 7 capabilities, ensuring that every data point is crystal clear and accessible on-the-go.

The AI-enhanced Intel® Core™ Ultra processors and NVIDIA RTX™ 5000 Ada graphics deliver exceptional performance, turning complex analyses into smooth, efficient tasks.

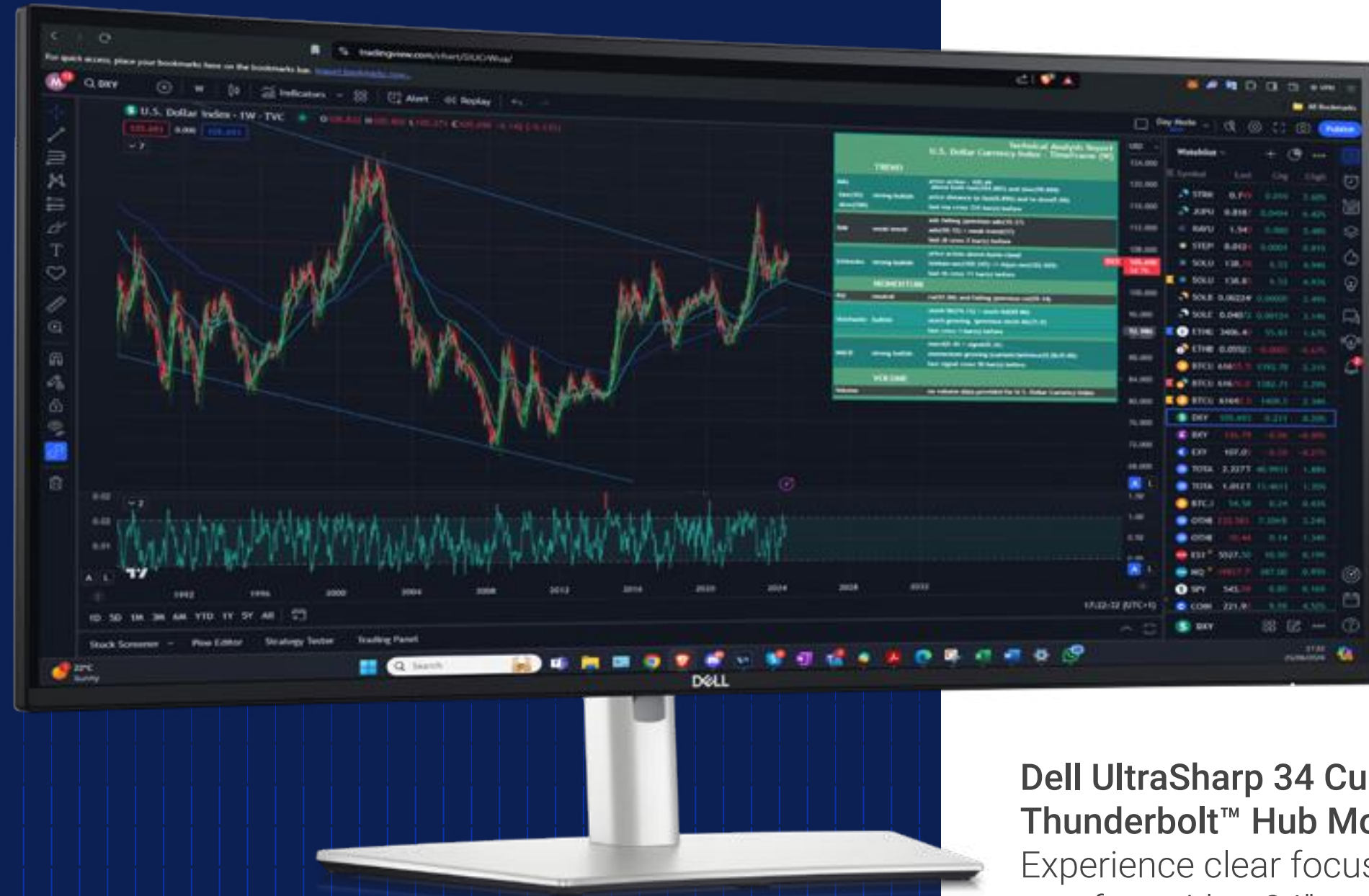
With up to 64GB of LPDDR5x memory, your models and simulations run at peak efficiency, while advanced thermals keep the system cool under pressure. The Dell Precision 5490 and 5690 are not just workstations; they're the engines that drive your financial foresight and success.



*Based on internal analysis of Precision 5690 45W processor vs HP Zbook Studio G10 and Lenovo P1 Gen6 14" workstations. December 2023

Entry-Level Data Analytics

Accessories



Dell UltraSharp 34 Curved Thunderbolt™ Hub Monitor | U3425WE
Experience clear focus and greater comfort with a 34" curved Thunderbolt™ hub monitor featuring 5-Star Eye Comfort and 120Hz refresh rate.

Dell Performance Dock | WD19DCS
Boost your PC's power up to 210W on the world's most powerful and first modular Dual USB-C dock with a future-ready design.



Dell EcoLoop Pro Backpack | CP5723
Designed for on-the-go productivity and protection, the Dell EcoLoop Pro Backpack is made of eco-conscious material to complement busy lifestyles.



Dell Collaboration Keyboard and Mouse | KM900
Designed with a surreal level of detail, our premium keyboard and mouse combo transform collaboration, enhance productivity and provide all-day comfort.

The Dell Precision 5860 Tower

is a powerhouse designed for seasoned AI Developers and Data Science Professionals. With up to 24 Cores and a 225W Intel® Xeon® Processor, it tackles complex language learning models and massive datasets with lightning-fast efficiency.

Graphics Excellence: Configure up to two AMD or NVIDIA 300W graphics cards for unparalleled visual performance. Whether rendering intricate visualizations or fine-tuning neural networks, this workstation exceeds expectations.

Storage Mastery: Enjoy up to 56TB of storage with flexibility: two internal M.2 NVMe drives, two internal SATA or SAS drives, and two Front Flexbay storage drives. Your data, your way.

Scalable Memory: Handle memory-intensive tasks effortlessly with up to 2TB of 4800MHz DDR5 memory. Multitask seamlessly and analyze large datasets without bottlenecks.

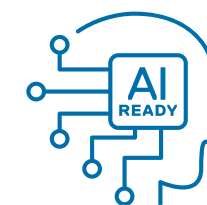
Cool and Quiet: Advanced thermals keep your system running smoothly during extended work sessions. No more overheating worries.

Recommended configuration.

For the DBA, developer, or analyst who is exploring the notion of incorporating machine learning or deep learning into the work that they do – either by inferencing in parallel, or very light training.

- CPU: Intel® Xeon® W5-2445 (26.25 MB cache, 10 cores, 20 threads, 3.1 GHz to 4.6 GHz Turbo, 175 W)
- Memory: 192GB
- GPU: NVIDIA RTX™ 6000 Ada Generation
- Storage: 1 TB, M.2, PCIe NVMe, SSD, Class 40
- Network: 1Gb integrated (10Gb Optional)
- OS: Ubuntu Linux 22.04
- Support: 3 Years ProSupport with Next Business Day Onsite Service

The NVIDIA RTX™ 6000 Ada Generation graphics cards are reinventing the workstation to meet the demands of your AI workflows. It's powered by NVIDIA RTX™, delivering the extreme memory capacity, scalability, and performance that data scientists and deep learning researchers need to train the most complex of deep learning models.





Dell UltraSharp 32 HDR PremierColor Monitor | UP3221Q

Create phenomenal 4K HDR content on the world's first professional monitor with 2K mini-LED direct backlit dimming zones.*



Dell Pro Wireless Headset | WL5022

Enjoy wireless freedom away from your PC with this Teams certified headset that offers convenient call controls. Switch seamlessly across your PC, tablet or smartphone and enjoy superior audio clarity on the go.



Dell Premier Multi-Device Wireless Keyboard and Mouse | KM7321W

Experience superior multitasking features with a stylish and comfortable premium keyboard and mouse combo. Complete your tasks powered by one of the industry's leading battery lives at up to 36 months.



Dell UltraSharp Webcam | WB7022 - 4K UHD

Experience best image quality in its class with the world's most intelligent 4K webcam.

High-Performance AI and Data Analytics

Amplify your productivity.

Our ultimate Precision 7960 Tower deep learning offering has massive amounts of compute, storage and memory for the most demanding AI/ML training tasks.

Scale performance to meet your highest requirements, deliver projects with record speeds, while fitting more iterations within your project timelines.

Powerful performance: Run demanding multithreaded engineering applications with up to an 350W Intel® Xeon® Processor.

Best-in-class graphics: Support advanced engineering and artificial intelligence GPU workloads with up to four 300W graphic cards. An extensive range of professional AMD and NVIDIA graphic options are available.

Elevate your purpose: Power your system with an up to 2200W PSU.

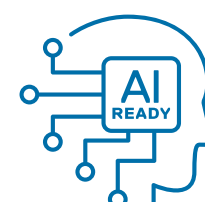
Better net value and security vs. cloud services without processing cycle fee constraints.

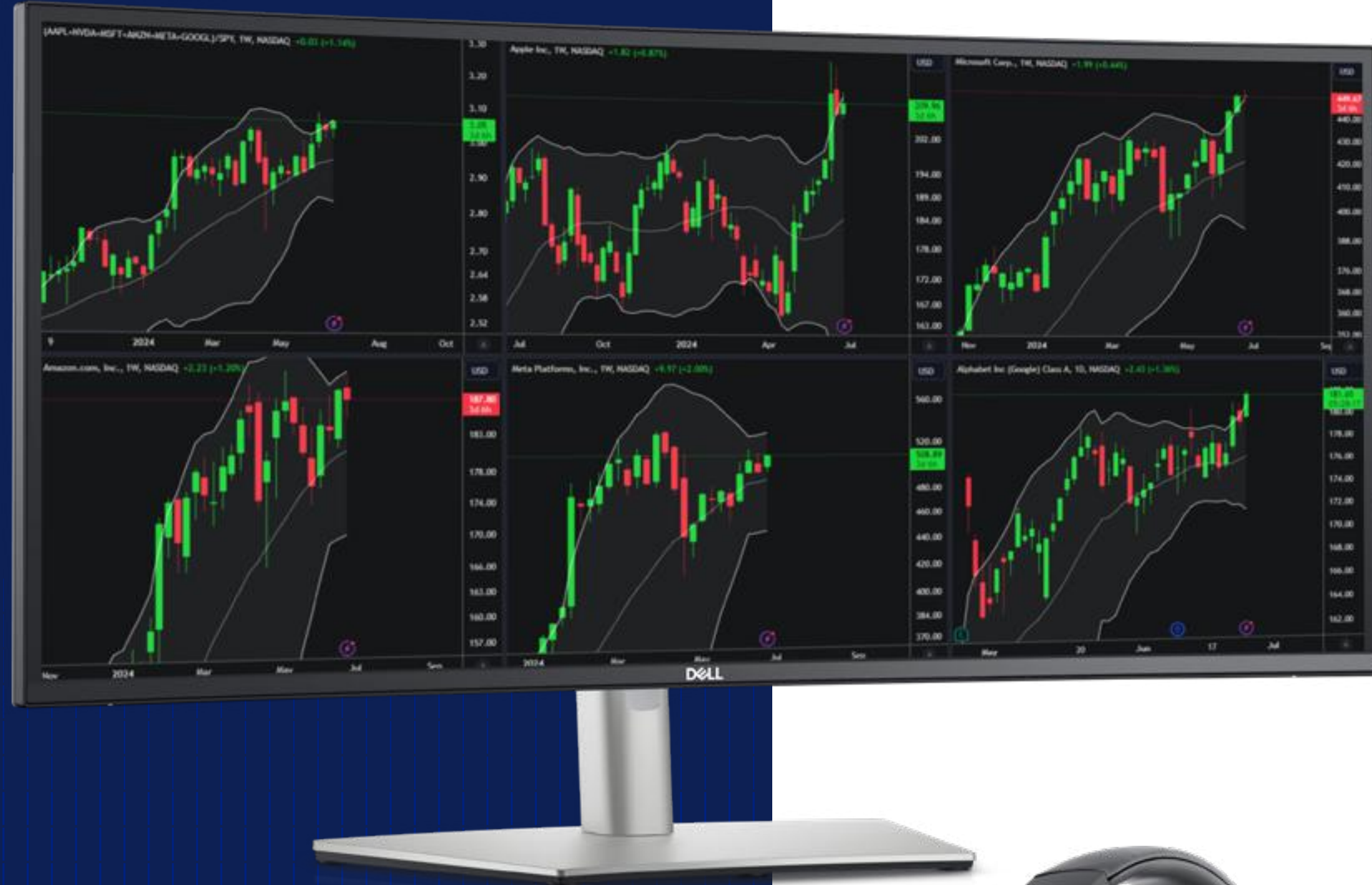
Recommended configuration.

This no-compromise Data Science powerhouse is for data scientists or AI developers who are working with multimedia (video, audio, etc.) that expect to do some fairly extensive training on their workstations. DSW and NVIDIA NGC-Ready.

- CPU: Intel® Xeon® W7-3465X (75MB Cache, 56 cores, 56 threads, 2.5GHz to 4.8GHz Turbo 300W)
- Memory: 512GB
- GPU: Up to 4x NVIDIA RTX™ 6000 Ada Generation
- Storage 1 (Fast): 2TB, M.2, PCIe NVMe, SSD, Class 40
- Storage 2 (Archive): 12TB HDD
- Support: 3 Years ProSupport with Next Business Day Onsite Service
- OS: Ubuntu 22.04

The NVIDIA RTX™ 6000 Ada Generation graphics cards are reinventing the workstation to meet the demands of your AI workflows. It's powered by NVIDIA RTX™, delivering the extreme memory capacity, scalability, and performance that data scientists and deep learning researchers need to train the most complex of deep learning models.





Dell UltraSharp 34 Curved USB-C Hub Monitor | U3423WE
Experience immersive productivity with superior contrast and color on a 34" curved WQHD monitor with IPS Black technology and ComfortView Plus.



Dell Premier Multi-Device Wireless Keyboard and Mouse | KM7321W
Experience superior multitasking features with a stylish and comfortable premium keyboard and mouse combo. Complete your tasks powered by one of the industry's leading battery lives at up to 36 months.










Dell Pro Wireless Headset | WL5022
Enjoy wireless freedom away from your PC with this Teams certified headset that offers convenient call controls. Switch seamlessly across your PC, tablet or smartphone and enjoy superior audio clarity on the go.









Dell UltraSharp Webcam | WB7022 - 4K UHD
Experience best image quality in its class with the world's most intelligent 4K webcam.






 Elevate Your Dell Experience

 Analytics ⓘ >	 Applications ⓘ >	 Audio ⓘ >
 Network ⓘ >	 Power ⓘ >	 Presence Detection ⓘ Ready to be enabled >

Customize Your Dell Devices

 U2724DE Monitor >	 UltraSharp Webcam Connected >	 Premium Rechargeable Mouse Connected 88% >
 Premium Collaboration Keyboard Connected 42% >	 Premier Wireless ANC Headset Connected Charging >	 Add new device >

Suggestions For You >

 Enhance your privacy and security with new presence detection features. ×	 New power optimization features are available for customization. ×	 Boost performance for optimized applications when running on battery power. ×
---	--	---





Elevate Your Trading Floor

Unlock the full potential of your trading strategies and data analytics with cutting-edge technology. Connect with a Dell Technologies Solutions Expert today to explore how Precision Workstations can revolutionize your financial operations, driving productivity and innovation to new peaks.

Take the lead in a future where AI and high-performance computing are not just tools, but catalysts for success.



Contact a Dell Technologies Solutions Expert



Follow us on social

