

# Dell PC Ecosystem Guide

Why choose Dell for an integrated PC experience?



Better Together

Designed and tested to work seamlessly with Dell systems.



Innovative & Intelligent

Smart features, advanced design and purpose-driven materials across the Dell portfolio.



Easy Management

Fully integrated software, services and support for the PC ecosystem — all through a single provider.

# The new PC ecosystem landscape

Embracing work-everywhere flexibility and AI integration in the evolving PC ecosystem



1 in 3

organizations report not having the right tools or technology needed to effectively work and innovate everywhere.<sup>1</sup>

## Everywhere work

Organizations that provide flexibility will create a competitively differentiated employee experience.

Dell's broad offerings of **PC Displays**, **PC Accessories**, **Software and Services** creates parity of experience for those working in the office, at home or completely on-the-go.

37%

or respondents stated improved communication and collaboration tools are key for employee engagement in the AI era<sup>2</sup>

## Artificial intelligence

AI capabilities will be a key factor in PC and peripheral purchase decisions to enable organizations to realize the full benefits of digital training, access to data, people and applications.

Dell offers a suite of intelligent collaboration tools tested for seamless integration with **Dell AI PCs**, **Copilot+ PCs** and **AI Workstations**.

1. Innovation Catalysts study, Dell Technologies, February 2024  
2. & 3. Based on the IDC InfoBrief commissioned by Dell Technologies. Workforce Upskilling for the AI Era, January 2024 <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/industry-market/idc-infobrief-workforce-upskilling-for-the-ai-era.pdf.external>

# Dell Ecosystem + Dell PCs: Better Together

Key drivers of synergy and performance across Dell devices



## Product experience

### Designed & tested

Dell peripherals and displays are engineered for universal compatibility and specifically tested with Dell systems for an optimal experience

### Certified Dell spare parts and power

Extending the PC lifecycle, enhancing performance, and supporting a circular economy through sustainable upgrades and repairs

### Advancing sustainability

Dell ecosystem products align with Dell PCs' sustainability standards, encompassing materials, packaging, and manufacturing processes

### Intelligent software & integration

Dell Peripheral Manager and Dell Display Manager integrate with Dell Optimizer software for PCs, enabling advanced customization and management for elevated productivity

### Bluetooth security with Dell Pair

Proprietary software that enables one-click setup and robust security for Dell wireless peripherals and PCs using Bluetooth connectivity\*

\*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Dell Technologies is under license. Other trademarks and trade names are those of their respective owners. Dell Pair is available with select accessories, commercial & consumer PCs. Availability and functionality vary by model. For more details visit Dell Pair Based on Dell Analysis, October 2022. For more details visit Guide to Bluetooth Security when accessory is in Bluetooth pairing mode

## Order experience

### Maximum support across the desk

Dell provides comprehensive solutions tailored to diverse customer needs, from deployment services to ongoing support, including a 3-year Advanced Exchange for Peripherals and Displays

### Try & buy

Companies can evaluate different ecosystems with worry-free access to try & buy units for peripherals and displays

### Pricing & Negotiation

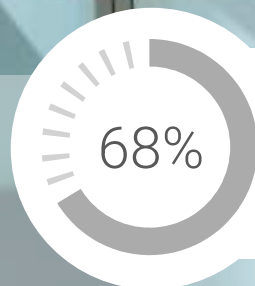
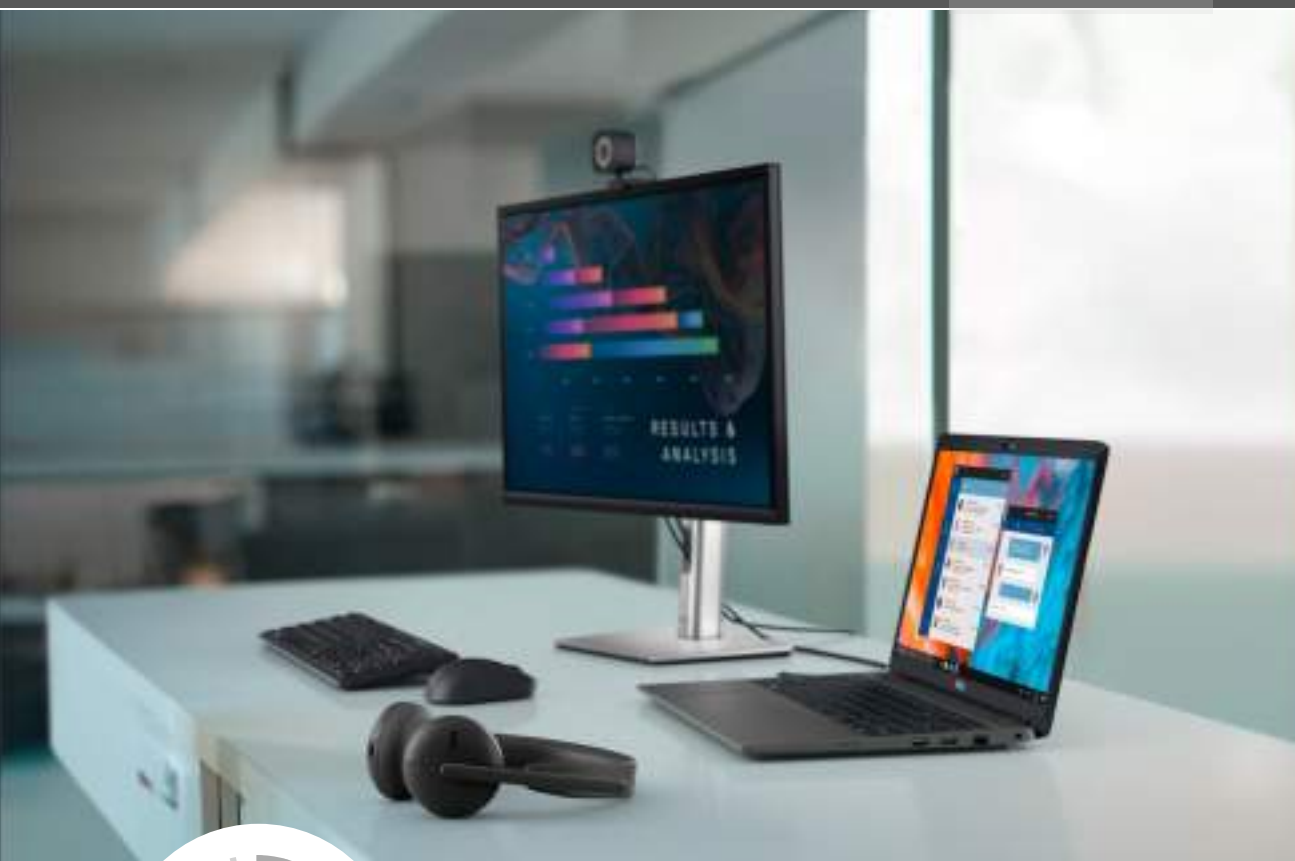
Flexibility across the ecosystem and PCs for accurate budget spend and planning

### Single vendor purchase & management

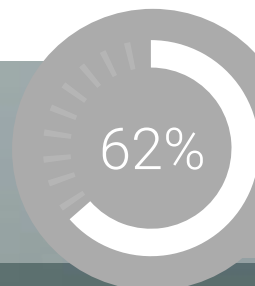
Streamlining the entire user desk solution through a single provider simplifies refresh cycles and facilitates the implementation of new technologies

### Strong supply chain

Delivering solutions efficiently with 16 manufacturing sites and 23 fulfillment centers globally



of organizations reported improved productivity due to reduced connectivity issues with Dell PC accessories.



reduced time spent on troubleshooting firmware updates with an integrated suite of PC accessories.

## Integrating Dell PC accessories improves productivity, collaboration, and cost efficiency

### KEY FEATURES AND BENEFITS

A unified suite of Dell PC accessories provide



**20%**  
reduced setup time

On average, an employee experiences a 20% reduction in setup time daily with the use of Dell PC accessories: namely the wireless keyboards and mice, docking stations, wireless headsets, and multiport adaptor cables.



Reduce weekly  
meeting time by  
**3 hours**

Dell PC accessories enable more effective meetings and reduces the time spent per week in meetings by 3 hours, which can then be reallocated for other work.



Save  
**~\$221,000**

Cost savings from superior, longer-lasting battery life of Dell's wireless keyboards and mice prolong lifespan from two and a half to four years. This offers average cost savings of \$221,000.

\*A commissioned study conducted by Forrester on behalf of Dell Technologies, February 2023: The Total Economic Impact™ Of Dell Peripherals <https://www.delltechnologies.com/asset/en-us/products/electronics-and-accessories/industry-market/total-economic-impact-of-dell-peripherals.pdf.external>



# Why Dell PC accessories: Innovative and Intelligent

1

Smart features



## Built-in intelligence

High-definition sensors, AI-based noise cancellation, AI auto framing, and software optimized for customization, robust security, and continuous updates.



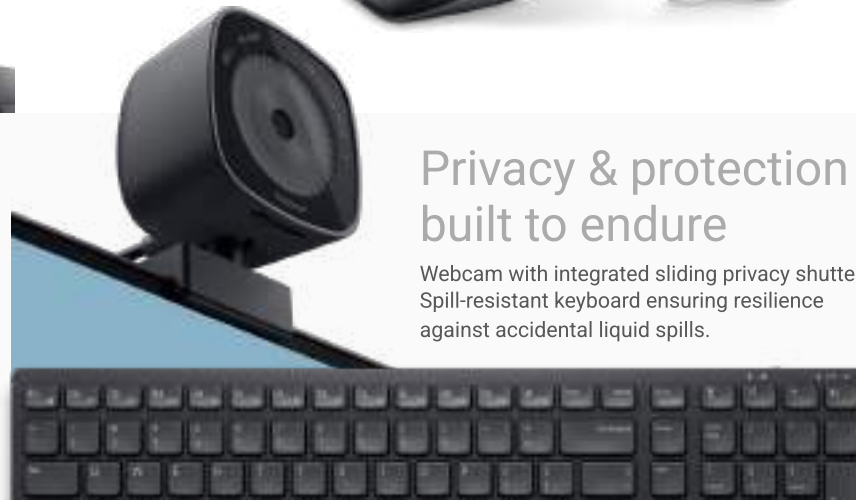
## All-day comfort and power or lightweight travel

Mouse options with compact storage design and contoured palm grip for efficient and comfortable work.



## Privacy & protection built to endure

Webcam with integrated sliding privacy shutter. Spill-resistant keyboard ensuring resilience against accidental liquid spills.



## Smart collaboration & programmable keys

Collaboration keyboard with Zoom and Teams touch controls to mute and unmute the microphone, toggle video on and off, share screen and bring up the chat panel by double-tapping on the icons. Programmable keys for enhanced productivity.



3

Purpose-driven materials



## Wisely recycled

Backpacks made with 100% OceanCycle Certified® ocean-bound plastic. Recycled plastic bottles collected from ocean coastlines or major waterways. Keyboards engineered with 65% post-consumer recycled plastic.



## Durability tested

Assessments of water resistance, strap strength, zipper strength and fabric abrasion to ensure valuables are protected.



## Dell PC accessories Elevating the desk

Uplevel productivity and experience with seamless integration, top-tier quality, and innovative design — all from a single trusted brand.

See a full list of Dell Peripherals here

Dell PC Accessories guide

### Keyboards, mice, active pens

Smart collaboration, comfort and performance with up to 36 months of battery life, shortcuts such as Copilot keys, customizations and multi-device pairing<sup>1</sup>



### Carrying cases

Thoughtfully designed with durable EVA foam cushioning and water-resistant materials. The Dell EcoLoop label identifies products that are manufactured with materials and processes that reduce environmental impact.



### Arms & stands

Neat and clutter-free desk solutions with a small footprint



### Audio

Advanced communication with AI-based noise-cancellation technology and Teams & Zoom certification



### Webcams

Features AI auto-framing, resolution ranges up to 4K, and true-to-life color in different environments



### Cables & adapters

Versatile connectivity and portability for PCs and accessories



### Replacement parts

Dell offers a range of compatible and certified parts and upgrades for PCs



## Innovative & intelligent solutions



### Meeting spaces

Personal, small or medium zoom and Teams certified solutions

1. Use the Copilot Key with supported Windows 11 devices; feature availability varies by device and market, see [aka.ms/KeySupport](https://aka.ms/KeySupport).  
2. Product availability may vary by region and product features may vary by models, please refer to [Dell.com](https://dell.com) for more details.

# Dell's comprehensive suite of PC accessories optimize the desk for diverse needs

## Good

Essential productivity



## Better

Elevated and scalable



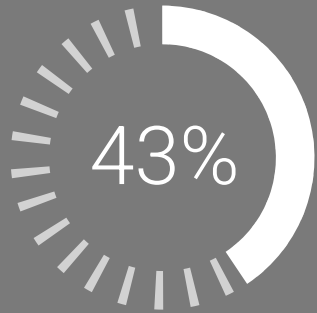
## Best

Power and performance

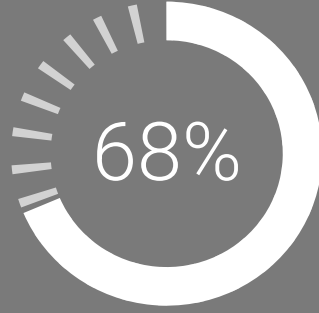


## World's #1 display company<sup>1</sup>

Dell's broad range of displays optimize productivity across the widest array of workspaces.



Boost productivity by up to 43% with larger and higher resolution monitors<sup>2</sup>



of knowledge workers feel productive & empowered when using monitors<sup>3</sup>

“

We didn't want our employees to work just on 13-inch laptops. The time savings with an extra 24-inch monitor would be 20-25% at least and it is also much more comfortable for them.”<sup>4</sup>

*CTO (Technology Services, North America)*

## Increased productivity

**Dell UltraSharp monitors provide reliable color accuracy and easy connectivity to complete tasks efficiently.**



Up to 99% DCI-P3 and Display-P3 Color Coverage

Deep black, higher contrast ratio and color accuracy at wide viewing angles with IPS Black panel

Up to 13 connectivity and quick access port options – Includes SuperSpeed USB 10Gbps, Thunderbolt™ 4 with 140W extended power range

1. Source: IDC Worldwide Quarterly PC Monitor Tracker, Q2 2024

2. A commissioned study by Hot Tech Vision and Analysis on behalf of Dell Technologies, “Productivity Study 2: Measuring the impact of large, high resolution external desktop monitors on productivity.

3. A commissioned study conducted by Forrester on behalf of Dell Technologies, November 2021: Boost Notebook Users' Productivity, Collaboration, And Comfort With Monitors.

4. A commissioned study conducted by Forrester on behalf of Dell Technologies, May 2022: The Total Economic Impact™ (TM in superscript) of Dell Monitors.

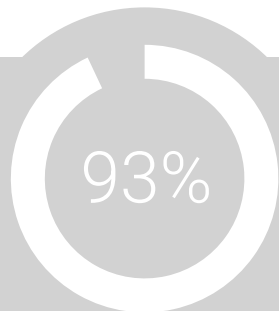




## Improved collaboration

Wide range of collaboration monitors from 23.8" to 34" screen sizes with up to 4K built-in webcam resolution.

- 2K QHD, 4K built-in resolution webcams use the Sony Starvis™ CMOS sensor for low-light sensitivity and video quality
- Best-in-class color accuracy in various lighting conditions for typical office settings<sup>2</sup>
- Up to 33% more detail with 2K QHD, 4K webcams when videos are magnified or compressed to FHD or HD by unified communication applications like Zoom<sup>1</sup>
- Automatic focus with AI auto-framing through an intuitive webcam setting software



of remote-working employees indicated that collaboration displays with a built-in camera, microphone and speaker boosted productivity by more than 20%<sup>2</sup>

1. A commissioned study by Hot Tech Vision and Analysis on behalf of Dell Technologies, "Dell Monitor Webcam Competitive Benchmarking Study".  
2. A commissioned study conducted by IDC on behalf of Dell Technologies, February 2022: Driving Employee Experience and Productivity across Industries - Monitors Are an Imperative in the Hybrid Era.  
3. A commissioned study conducted by Forrester on behalf of Dell Technologies, November 2021: Boost Notebook Users' Productivity, Collaboration, And Comfort With Monitors.  
4. Based on research commissioned by Dell, by John Bullough, PhD, from the Light and Health Research Center, Icahn School of Medicine, April 2024. Results may vary. Refer to the study <https://www.delltechnologies.com/asset/en-us/products/electronics-and-accessories/industry-market/impacts-of-ambient-brightness-control-and-short-wavelength-spectral-content-on-display-when.pdf>.

## Enhanced comfort

Dell Monitors are the first to achieve TÜV Rheinland Eye Comfort Certification starting with 5-star certification for Dell U2724DE & U2724D monitors.



"Monitors with special comfort view settings are a game changer for me since I'm easily subject to eye strain, causing headaches."

- Senior solution architect, financial services, Canada<sup>3</sup>



Enhanced ComfortView Plus allows Dell monitors to further optimize eye comfort by reducing harmful blue light emissions by <35%

Research showed that by reducing the blue light output and adjusting its brightness under low ambient light levels, the Dell UltraSharp 27 Thunderbolt Hub Monitor – **U2724DE improved eye comfort by 34%.<sup>4</sup>**

Eye Comfort Video

# Intelligent tools to support the AI PC experience

**Intelligent tools boasting AI capabilities support productivity, seamless virtual meetings and efficient teamwork everywhere.**

## Intelligent Audio

All new Dell Headsets feature a built-in AI noise-cancelling microphone that intelligently distinguishes human speech signals and filters out background noise, enabling seamless collaboration with focused meetings and a professional sound.

## Intelligent Webcams

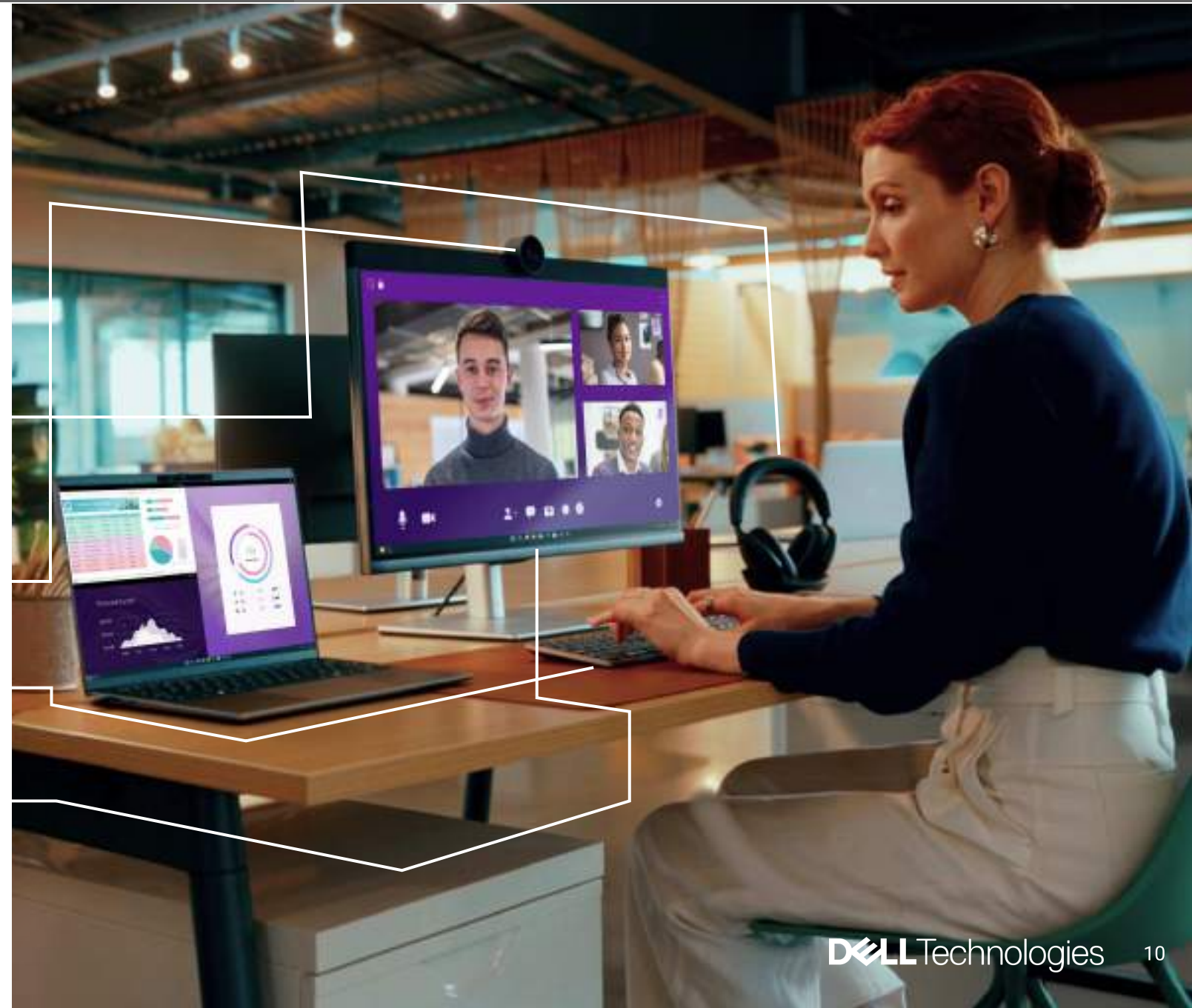
Advanced AI auto-framing works to keep the focus on the speaker, driving efficiency and professionalism on virtual calls.

## Intelligent Keyboard

Select Dell keyboard models offer quick access to Copilot in Windows, your everyday AI companion, with a built-in Copilot key.

## Intelligent Video Conferencing Monitors

Built-in intelligent collaboration with AI auto-framing, true color even in harsh lighting with Digital Overlap HDR and great images without motion blur thanks to 3D/2D Video Noise Reduction.



\*Product availability may vary by region and product features may vary by models. please refer to [Dell.com](https://www.dell.com) for more details.





## AI Builder ecosystem solutions

**Powerful workspaces to accelerate AI and GenAI development.**

Use cases for Builders:



AI  
Developers



Machine Learning  
Engineers



AI  
Researchers



Data Scientists



## AI Builder desktop ecosystem

For AI professionals, this workspace combines powerful desktops and premium peripherals to optimize productivity and support advanced workloads.

### Precision 7000 Tower Workstation

### Dell UltraSharp 27" 4K USB-C Hub Monitor (2x)

Powerful 27-inch monitor with brilliant color and contrast that features the industry's first IPS Black technology and a connectivity hub.<sup>1</sup>

### Dell Speakerphone with AI Noise-Cancellation

AI noise-cancellation allows for clear conference calls in a busy office setting. Full Duplex Audio allows multiple participants to speak simultaneously for a natural sounding flow of conversation.

### Dell 4K Webcam with AI Auto-Framing

AI auto-framing adapts to movements, enabling a professional look while presenting or even moving from call to call.

### Dell Premier Collaboration Keyboard

Quiet typing and a premium feel enhance comfort while tackling complex projects. The collaboration keys make it easy to switch between meetings and mute and unmute calls.

### Dell Premier Rechargeable Mouse

Take on AI workloads uninterrupted with a rechargeable mouse that offers up to six months of battery life on a full charge and recharges in just two minutes for a full day's work.<sup>2</sup>

<sup>1</sup>. Based on Dell analysis of publicly available data, August 2021.

<sup>2</sup>. Battery life calculation based on an assumption of an average use of 8 hours a day. Battery life may vary depending on user and computing conditions.





# AI Builder mobile ecosystem

Featuring an AI-assisted noise-canceling headset, and a 40-inch display certified for eye comfort, the AI Builder mobile ecosystem ensures optimal efficiency for high performance applications and computing-intensive projects.

## Precision 5000 Mobile Workstation

### World's first 40" 5K Monitor Certified for 5-Star Eye Comfort<sup>1</sup>

A powerful 5K display offering smooth visual experience with 120Hz refresh rate. Designed to create a comfortable work environment for content creation, graphic design or any complex workload.

### Dell 4K Webcam with AI Auto-Framing

AI auto-framing adapts to movements enabling a professional look while in meetings or presenting. Record content for creative projects with a camera that adapts to human movement.

### Dell Hybrid Active Noise-Cancelling Headset

Advanced workloads are uninterrupted with up to 78<sup>2</sup> hours of listening time on a full charge and Hybrid Active Noise-Cancellation blocking sound from noisy environments.

### Dell Premier Collaboration Keyboard and Mouse

Quiet typing and a premium feel enhance comfort while tackling complex projects. The collaboration keys make it easy to switch between meetings and mute and unmute calls.

<sup>1</sup> Based on Dell analysis of 5120x2160 resolution monitors, December 2023.  
<sup>2</sup> Based on Dell analysis (busy light and ANC off mode) of battery life usage model calculations assumption of an average use of 8 hours a day, Oct 2023. Results vary depending on use, operating conditions and other factors.



## AI End-User ecosystem solutions

**Designed for enhanced productivity and elevated creative potential.**

Use cases for End-Users:



Knowledge  
Worker



Power User



Creator



AI Influencer



Designer





## AI End-User collaboration ecosystem

**For C-Suite, Account Managers, Consultants, etc. driven to build and grow the business with strategic vision. They need the best mobile performance, collaboration tools and connectivity to work anywhere.**

### Latitude 9000 2-in-1

#### Dell UltraSharp 49" Curved USB-C Hub Monitor

Ability to work on a large 49" screen display or seamlessly multitask with two 27" QHD partition capabilities complemented with exceptional color and contrast.

#### Dell Dual-Directional AI-Based Noise-Cancelling Headset

Adaptive active noise cancellation dynamically adjusts to different surroundings, creating a more focused listening experience.

#### Dell 4K Webcam with AI Auto-Framing

AI auto-framing adapts to movements enabling a professional look while in meetings or presenting.

#### Dell Speakerphone with AI Noise-Cancellation

AI noise cancellation allows for clear conference calls in a busy office setting. Full Duplex Audio allows multiple participants to speak simultaneously, for a natural sounding flow of conversation.

#### Dell Premier Collaboration Keyboard and Mouse

Quiet typing and a premium feel enhance comfort while tackling complex projects. The collaboration keys make it easy to switch between meetings and mute and unmute calls.



## AI End-User performance ecosystem

**Designed for high-demand computing environments, this setup incorporates durable accessories, dual displays, and integrated AI technologies to boost productivity for complex tasks and enable focus in noisy settings.**

### Precision 3000 Mobile Workstation

#### Dell UltraSharp 27" 4K USB-C Hub Monitor (2x)

The world's first 27" 4K monitor with IPS Black technology offers incredible color and superior black performance.<sup>1</sup> Dual displays enhance multitasking capabilities and boost productivity.

#### Dell Dual-Directional AI-Based Noise-Cancellation Headset

Adaptive active noise-cancellation dynamically adjusts to different surroundings, creating a more focused listening experience.

#### Dell Multi-Device Keyboard and Mouse Combo

With the industry's leading battery life at up to 36 months, this keyboard and mouse combo can power through critical tasks without interruption.<sup>2</sup>

#### Dell Webcam

Elevated video conferencing experience in every environment. High image clarity experienced even in low light with Temporal (3D) and Spatial (2D) Noise Reduction that eliminates graininess and motion blur.

1. Based on Dell analysis of publicly available data, August 2021.

2. Based on Dell analysis of battery life usage model calculations, Nov. 2020.  
Results vary depending on use, operating conditions and other factors.



# Refreshing to the latest technology

Keeping the PC ecosystem up to date is crucial for maintaining optimal performance, ensuring seamless integration with the latest operating systems, and leveraging advanced features that enhance productivity and user comfort.



## OS integration

Dell Peripherals are designed and tested to seamlessly integrate with the latest PC operating systems reducing setup time, and increasing uptime across the ecosystem.



## Everywhere efficiency

Wireless freedom, extended battery life, intelligent Peripherals that adapt to various settings, and lightweight travel solutions designed for universal productivity that enable focused work in any environment.



## Enhanced eye comfort displays

AI workloads amplified with 5, 4, 3-star certified Eye Comfort Monitors that can provide improved ComfortView Plus, Ambient Light Management or Higher Refresh Rate.



## Intelligent collaboration

Dell AI-driven audio and video tools enhance calls and interactions by adapting to unique presentation styles and voices through AI auto-framing and AI-based noise cancellation.

32%

of organizations expect to adopt AI PC's within the next 12 months<sup>1</sup>

The AI PC ecosystem is amplified with the latest display and peripheral innovations

Dell offers a portfolio of intelligent headsets and the world's first 5-star certified Eye Comfort Monitors<sup>2</sup>

1. A Dell-commissioned study by Forrester, Dell Latitude Thought Leadership Study by Sarah Brines and Andrew Hewitt, surveyed 205 IT managers responsible for AI PC strategies in North America, February 2024  
2. Based off TUV Rheinland's® Eye Comfort certification, August 2023

# Sustainability

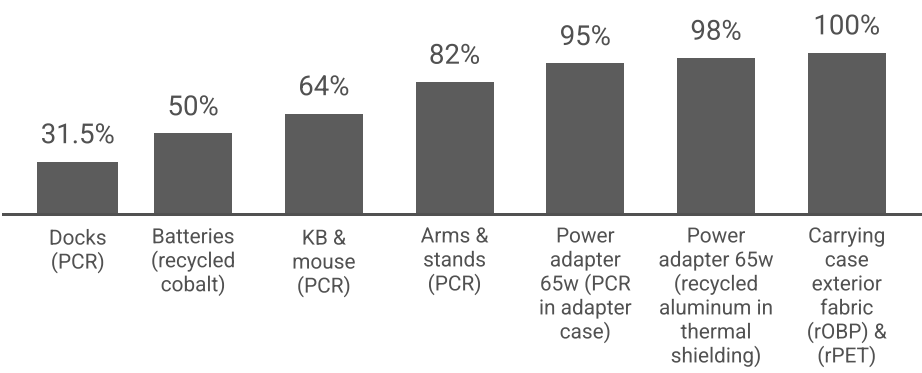
With a commitment to using recycled materials and circular design to minimize environmental impact, Dell leads the industry in sustainability.



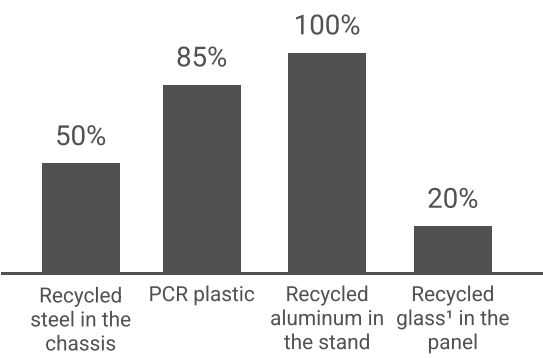
Dell leads in sustainability packaging, with **96% of Display packaging and 71% of PC Accessories packaging** composed of 100% recycled or renewable content.



Recycled materials in PC accessories (up to)



Recycled materials in Commercial Monitors (up to)



1. Recycled glass: Applicable to all new monitors launching in CY 2024. Recycled glass is present in monitor panel. Based on internal analysis, January 2024. PCR plastic: Percentage is of total plastic weight in product. Based on internal analysis, October 2022. Applicable to all new commercial monitors (U, P, C series starting CY2021) and E series (starting CY2022). Recycled steel and recycled aluminum on all new U series, P series: Recycled Aluminum: 100% in monitor stand, Recycled Steel: 50% in monitor head metal chassis Based on internal analysis, December 2023 Docks PCR: Excludes Dell Universal Dock D6000S Dell Docking Station D3100. Based on the total system plastic weight. Based on internal analysis, May 2023 Recycled cobalt in batteries (applicable to 42 whr, 54whr, 38whr, 46whr and 57 whr): Based on internal analysis, January 2024. Recycled cobalt: Shipping timelines may vary based on region and laptop configuration KB and M(KB525C, MS355, KM555): Based on system weight. Based on internal analysis, December 2023 Arms and Stands PCR Plastic: Based on internal analysis, June 2023. Percentage is based on system plastic weight. New 65w adapter (PCR plastic and rec aluminum): Based on internal analysis, September 2023 Carrying cases: Ocean-bound plastic is waste collected within 50 kilometers (30 miles) of an ocean coastline or major waterway.



33%

IT staff spend 33% less time troubleshooting faulty products with Dell's next-day exchange program.<sup>1</sup>

## Dell services and support

**Simplified IT across the Dell ecosystem delivers cost savings.**

### Dell three-year limited hardware warranty and advance exchange service

Dell monitors and client peripherals come with an industry-leading Limited Hardware Warranty and three years of Advanced Exchange Service, which offers next-day replacements for Dell displays and the latest Dell-branded peripherals

#### APEX PC-as-a-service

APEX PC-as-a-Service unlocks capital to invest in new technology all across the ecosystem and will seamlessly deploy, secure, manage, support and retire devices with no upfront investment.

#### Dell ProDeploy client suite

ProDeploy offers comprehensive services for seamless deployment of new technology, including 24/7 assistance with setting up new devices and peripherals

#### Dell ProSupport suite

ProSupport provides peace of mind by offering expert support for monitors and docking stations that provide no-hassle help with setup, configuration, interoperability and troubleshooting.

1. The Total Economic Impact™ of Dell Peripherals  
2. Product availability may vary by region and product features may vary by models, please refer to Dell.com for more details.



# Dell ecosystem software

**Dell integrated software securely connects PC accessories and enables time-saving shortcuts across the desk.**

## Dell Display Manager

Dell Display Manager (DDM) enhances everyday productivity through comprehensive management tools providing optimal front-of-screen experience, efficient display management, and effortless multitasking.

## Dell Peripheral Manager

Dell Peripheral Manager provides advanced control over compatible Dell accessories making it easy to customize, sync devices across the ecosystem, monitor connectivity and battery status, update to the latest firmware, and program keys and buttons to eliminate repeated tasks.

## Dell Pair

Dell Pair enables Dell peripherals to connect seamlessly and securely via Bluetooth. Dell Pair meets the strongest security standard for Bluetooth® Low Energy pairing of keyboards and mice<sup>1</sup>.

## Dell Audio App

Dell Audio is a companion mobile app for Dell wireless headsets that enables users to personalize and enable headset features.

1. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Dell Technologies is under license. Other trademarks and trade names are those of their respective owners. Dell Pair is available with select accessories, commercial & consumer PCs. Availability and functionality vary by model. For more details visit Dell Pair Based on Dell Analysis, October 2022. For more details visit Guide to Bluetooth Security when accessory is in Bluetooth pairing mode.  
2. \*A Forrester Total Economic Impact™ study commissioned by Dell Technologies.



“Because of how deeply the peripherals are integrated with Dell Peripheral Manager, we’re able to monitor connectivity, check battery status, update latest firmware, and program keys and buttons to eliminate repeated tasks.”  
IT Technology Director, Energy Industry<sup>2</sup>





Shop the Dell Desk