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Solution Guidebook:

Lenovo Display Control Center - Artery

A software tool that facilitates a complete and enhanced user experience
for Lenovo and Legion Monitors

Why Artery for **display solutions**

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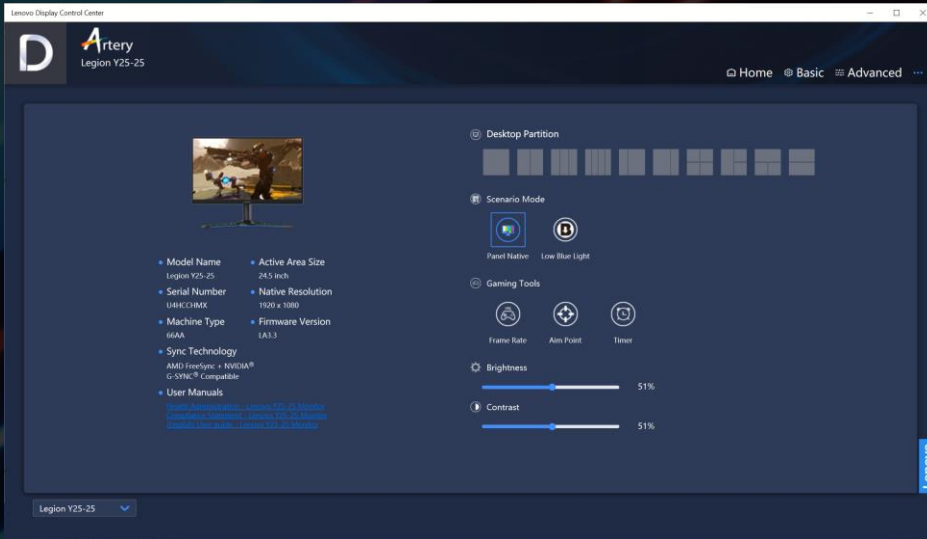
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Artery is a software developed based on the **Lenovo Display Control Center** platform, offered on a range of select models of **Lenovo and Legion Monitors** within our diverse portfolio. Easily enhance and customize your visual experience with Artery.

Artery offers **comprehensive display management** to maximize productivity for learning or working from home and **optimizing** your device ecosystem for gaming or entertainment, from **quick and easy adjustments** to settings and colour, to **smart features** that create an **enhanced experience** for any use scenario.

Artery gives you **full control** of your display.

Ensure **seamless connectivity** with sound output devices, volume control, and microphone input devices.



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**Artery features may vary depending on monitor model type.*

Why **install now**

As people **spend more time at home**, how they use technology is **changing**.

- **More than 80% of households** now have at least one **streaming subscription** for home entertainment¹
- **Gaming subscriptions** have seen an increase of **11%**²
- **82%** of companies intend to permit remote working at least some of the time, while nearly half (47%) said they intend to allow employees to work remotely full-time³
- **65%** of households **with children** do **online learning or learn from home**⁴
- Total **internet hits** have surged between **50% and 70%**⁵



¹ – Deloitte
² – Deloitte
³ – Gartner
⁴ – USAFacts.org
⁵ – Omdia



80%
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subscription¹*



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65%
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Why **install now**

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As the **modern home** evolves into a **multi-functional space** for school, work and play, users are losing their ability to maintain **work-life blend**, impacting their mental health.

- Average screen time has increased to as much as **13 hours** per day¹
- Those who consistently reported **less than 8 hours** a day of screen time had **lower depressive symptoms** than those whose screen time exceeded more than 8 hours²
- More time working has resulted in higher levels of **productivity** at the cost of our **mental health**³



**Limiting
distractions**



**Staying
organized**



**Managing
time**



Collaborating



**Remembering to
take breaks**

**FIVE BIG CHALLENGES
TO WORKING OR
LEARNING FROM
HOME INCLUDE⁴:**

¹ – [Nielsen/Eyesafe](#)

² – [Cambridge Open Engage](#)

³ – [Oracle/Workplace Intelligence](#)

⁴ – [Vault](#)



Why **install now**

The drastic **increase in device-use** and digitization has led many to troubleshoot their own **technology challenges** and want **do-it-yourself solutions**.

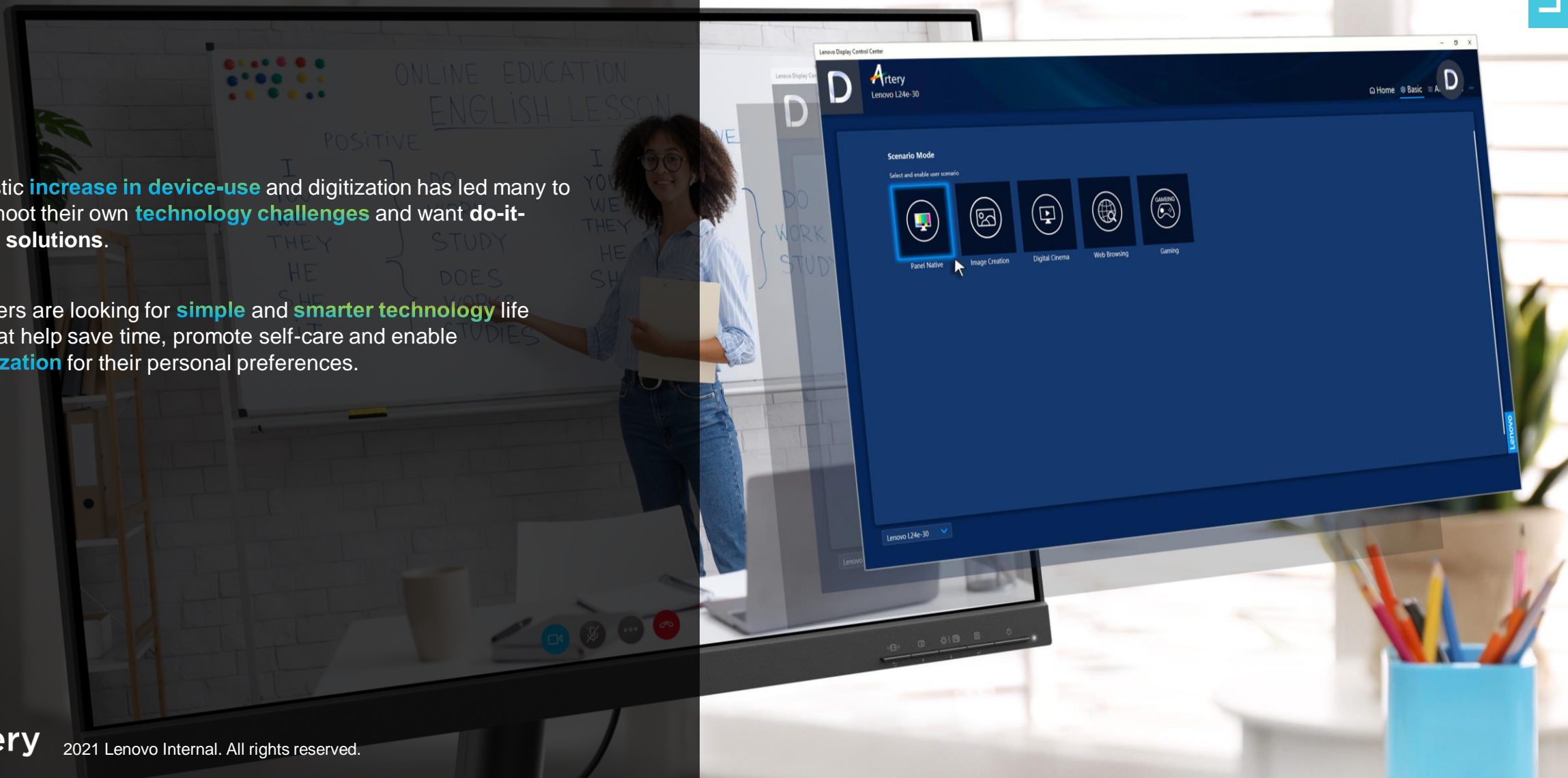
Consumers are looking for **simple** and **smarter technology** life hacks that help save time, promote self-care and enable **customization** for their personal preferences.

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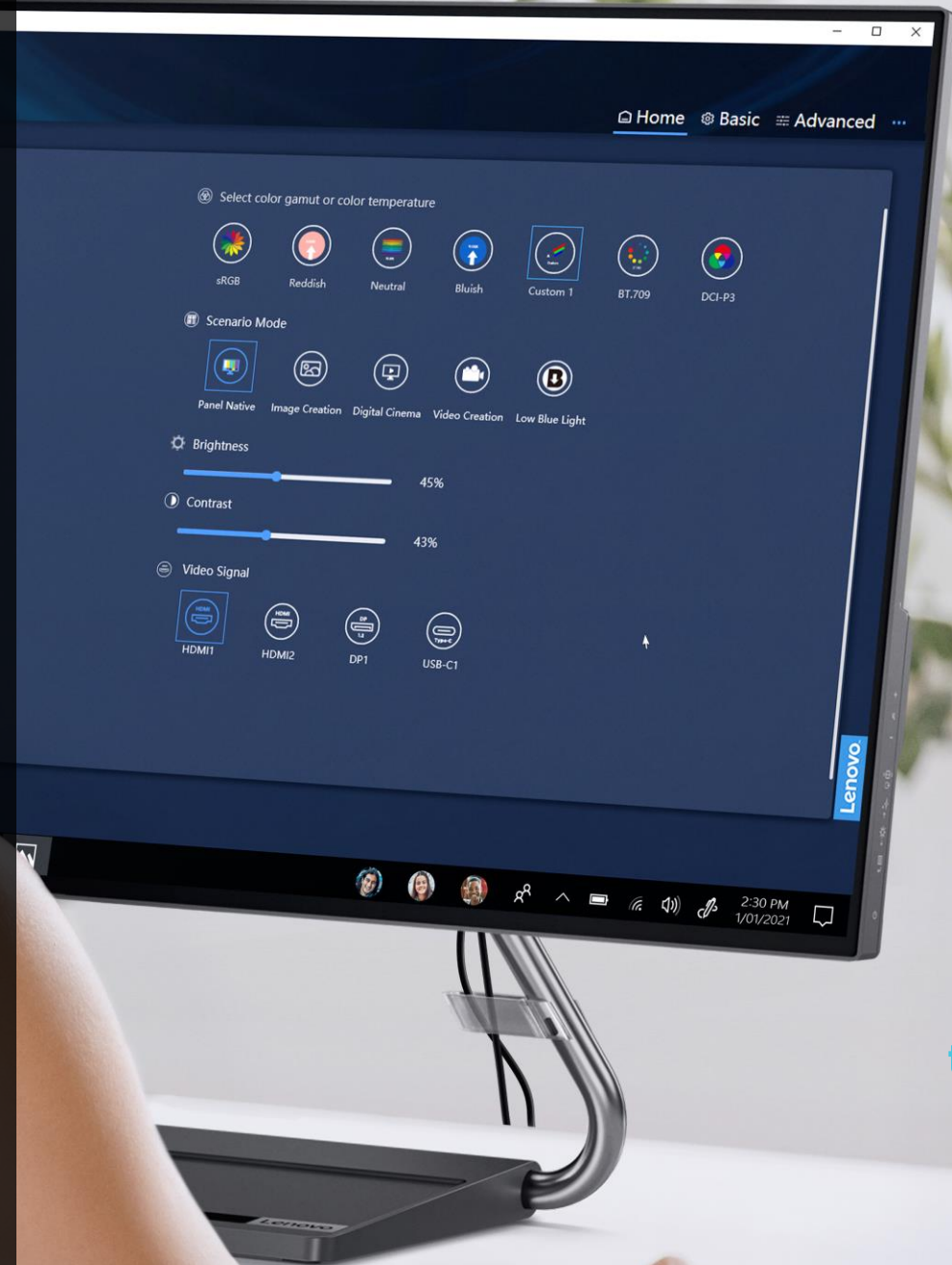
Artery, a **powerful** yet **simple** software

Display software is a **crucial** part in utilizing a monitor's full range of capabilities.

Artery is a **one-stop tool** to further enhance and elevate your user experience with our innovative **Lenovo and Legion Monitors**, providing exclusive features and functions to help you **optimize your display performance** to boost productivity or manage your home entertainment ecosystem.

Designed to be simple to understand and easy to use, Artery is a graphical interface offering you **full control** of display settings, **accurate** and **easy** colour setting, simple management between sources, and utilities for better and smarter functionality.

Enhanced ergonomic features also prioritize user health and optimize viewing comfort while Artery's specialized **gaming tools** give players the edge they need to win.



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Customer pain points



Home Office Users

- Cluttered workspace **hinders productivity**
- Difficulty **connecting** to devices or multiple screens
- **Balancing** work life blend
- Limited IT knowledge



Gamers

- Reliant on **smooth visuals** to win the game
- Need reminders to take a break
- Different games **require different display settings** or modes
- Limited display **customization** options



Home Entertainment Users

- Difficulty making **quick adjustments** to settings
- **Complicated** setup makes it difficult to connect to devices
- **Limited options** to customize your display
- **Clunky** physical buttons make adjusting settings a **hassle**



Distance Learners

- Need to connect to audio or video for **virtual classrooms**
- **Inaccurate display colour** hinders learning
- Discouraged to **participate** due to **complicated** setup
- **Eye strain** from prolonged usage



Distance Learners



Home Office Users



Home Entertainment Users



Gamers



What Artery offers

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Home Office Users

- Simplify home desktop set-up
- Multi-task easily with multiple screens or sources
- Match different applications with color modes or scenario modes



Distance Learning

- Seamlessly connect to devices for virtual classes
- Easily manage audio devices and volume control
- Eyecare technology to reduce eye strain



Gaming for fun or competitively

- Quick adjustments to display (refresh rate, resolution)
- Get reminders to take a break, or schedule tasks to run automatically
- Specialized gaming tools for a competitive edge



Home Entertainment

- Easily connect to compatible devices and equipment
- Make quick adjustments to OSD with just one click
- Save and switch between scenarios for different uses



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Artery

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a powerful, smart display software to **maximize productivity and functionality**



SIMPLE INTERFACE FOR EASE OF USE

Artery is designed to **simplify** the user experience, without compromising quality and reliability in work or play.

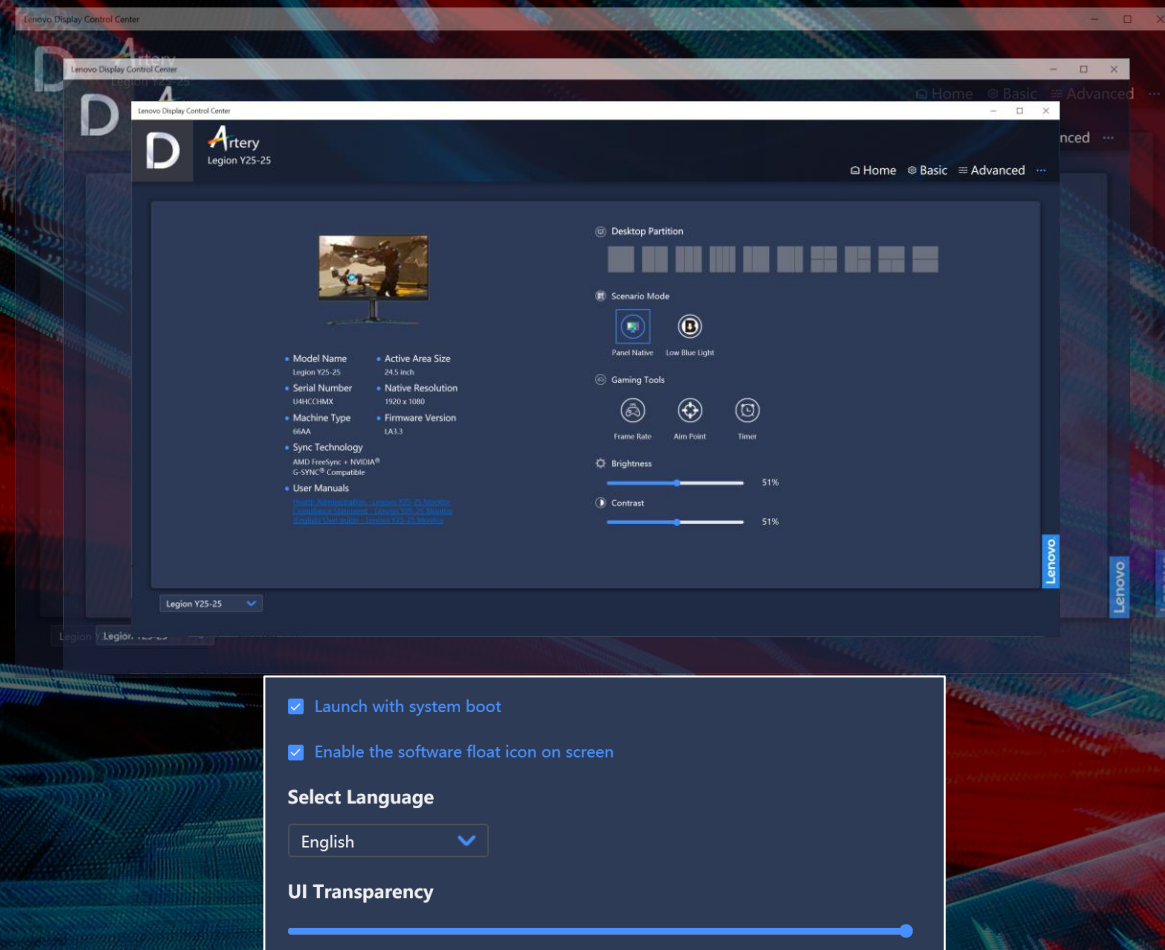
- Easily see monitor information on home page
- Download user manual
- Make quick adjustments to OSD

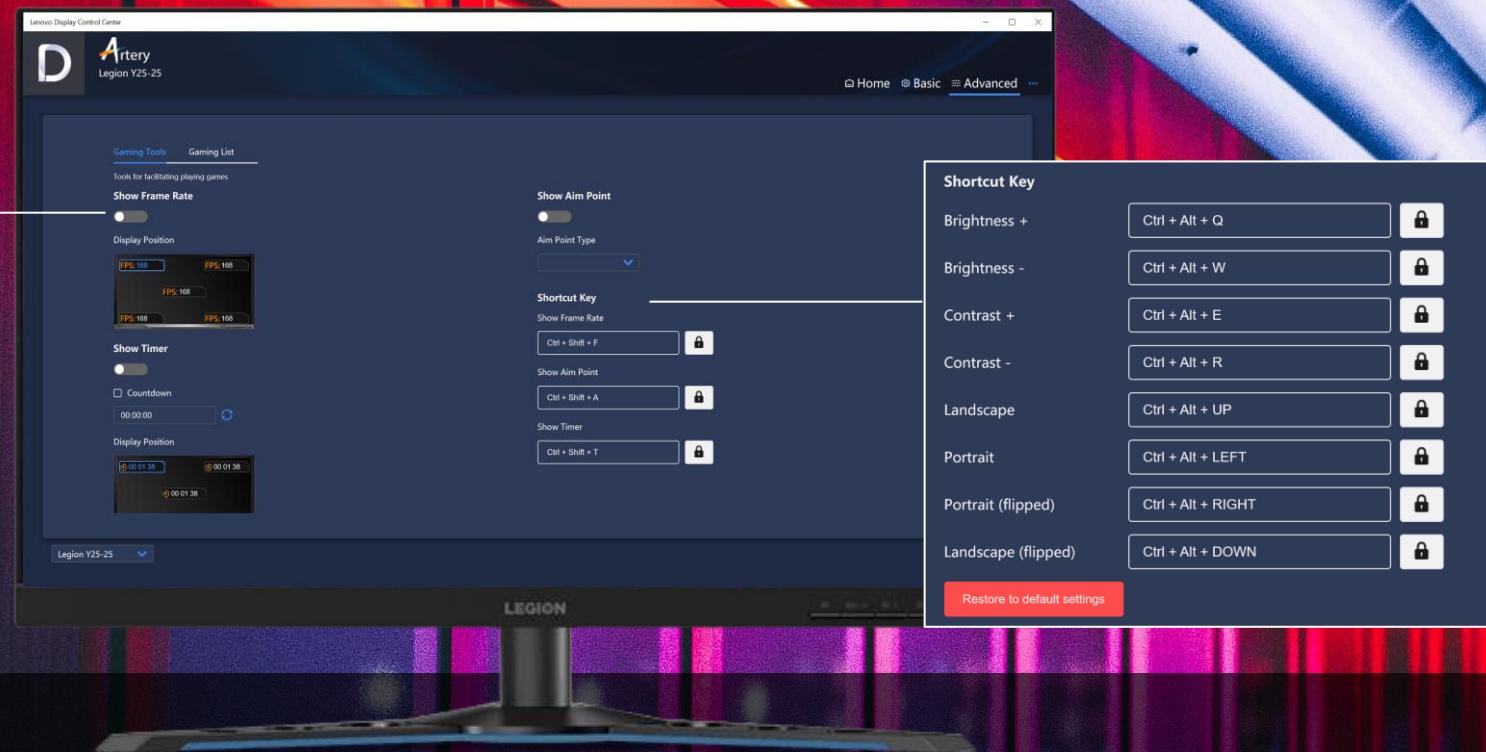


INTELLIGENT FUNCTIONS FOR A SMOOTH EXPERIENCE

Artery is smarter technology that **'Thinks'** for you – learning from your preferences to become your personal assistant.

From **quick access** to hot features, smart power management, easy connection to devices, desktop partitioning or Task Scheduler functions, Artery comes with intuitive features to help you **maximize productivity** in the workday, ace your tests, host viewing parties, or win more games.





**image for reference only*



EASY COLOUR ADJUSTMENT

Artery helps users see true color with the ability to customize:

- Color gamut & temperature
- RGB gain
- Brightness
- Color gamma for different scenarios

...all with just a click of the mouse



ENHANCED ERGONOMIC FEATURES

Artery does not compromise health – its low blue light mode ensures maximum comfort and eye health over prolonged periods of use.

An optional reminder can be set to remind users to take a break



GAMING TOOLS TO HELP YOU WIN

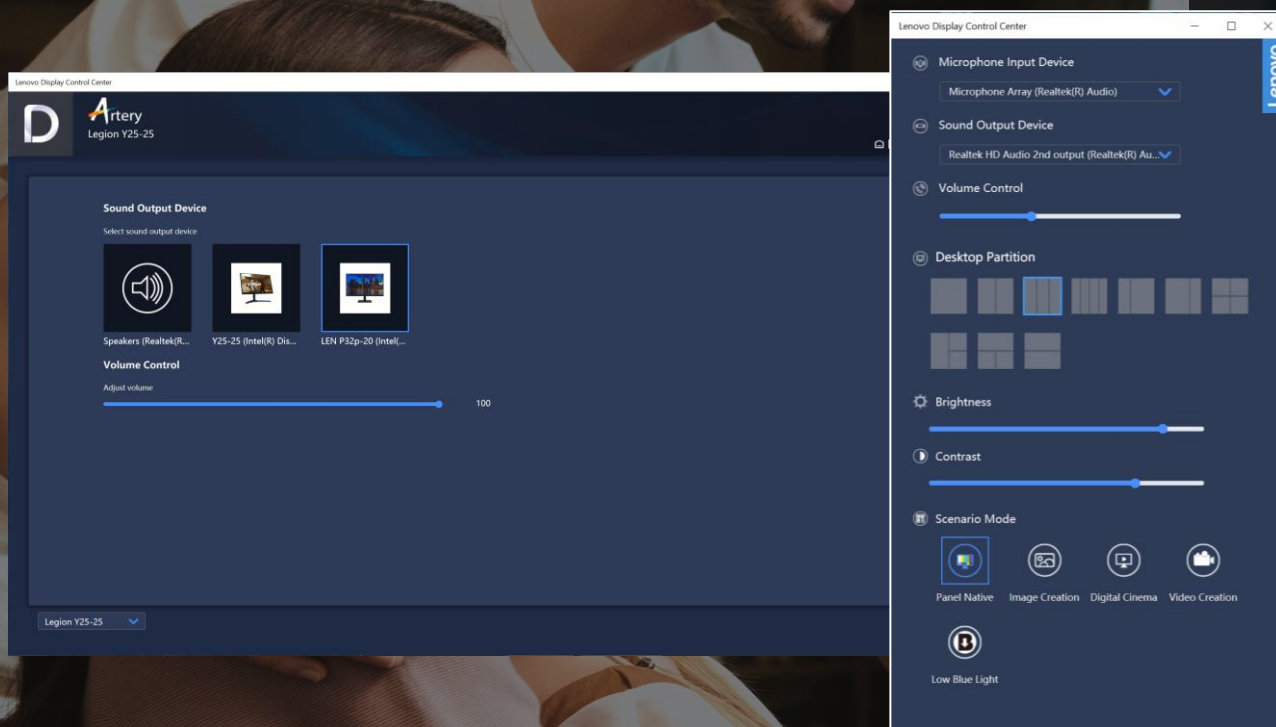
Winning takes precision.

Gamers can easily access and choose to show **frame rate***, **aim point**, **timer**, as well as set **shortcut keys** to optimize smooth gameplay.

**show frame rate function works on compatible game titles*



Powerful software for your home Display setup



The graphical interface of **Artery** is designed to be simple and easy to use, so users can skip a lengthy call with IT support and focus on creating their personalized setup.



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KNOW YOUR MONITOR WITH EASE

- Find basic info and user-friendly guide at Artery home page
- Access hot features and navigator to change settings
- Auto match with the default language of your OS (supports 33 languages)
- Make easy adjustments by mouse (brightness & contrast, video source, scenario modes, volume control, USB charging)
- Firmware update option



CUSTOMIZE YOUR DISPLAY

- Scenario Mode for different uses (*Image Creation, Video Creation, Digital Cinema, Low Blue Light, Panel Native*)
- Save settings to your PC, apply, import, and export User Profiles to other PCs with Artery
- Set shortcut keys for often-used functions
- Customize hot features displayed on home page
- Easily adjust resolution, refresh rate, and response time)



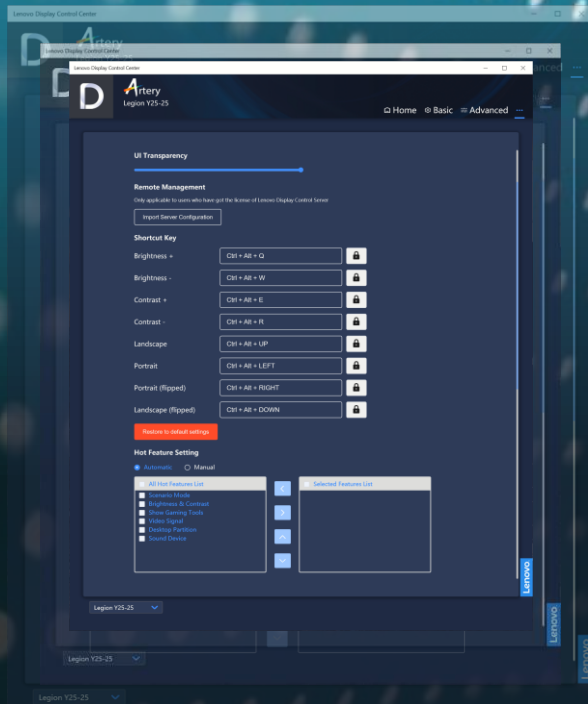
CONNECT TO DEVICES WITHOUT HASSLE

- Connect to and manage peripheral devices:
 - microphone input
 - sound output
 - volume control
 - video source

...all with a click of the mouse

Intelligence that 'thinks' for you

Artery is designed to better understand and prioritize user needs and preferences, so you can seamlessly step between work and play from your home setup.



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SOFTWARE THAT LEARNS AS YOU USE

- Artery's self-learning UI acquires from user pattern and preferences while maintaining user privacy and security, then automatically helps prioritize frequently used hot features by displaying them on the Artery homepage for quick access
- Work undisturbed – Artery doesn't disrupt your workflow with messages or notifications, and alerts can be turned on or off



TOOLS FOR ASSISTANCE

- Mouse Positioning function - locate your mouse with a 'shake'
- Game Mode and Gaming Tools
- Desktop Partition
- Set automatic changes to display settings based on saved profiles and time
- Sound Redirect ensures that audio goes to the right device



SMARTER FUNCTIONALITY

- Smart Power function helps manage and optimize device charging
- Energy Saving Mode helps lower costs

Complete control of your **color palette**

Artery helps users whose jobs or classes depend on colour-critical settings and ensures smooth and quality visuals for entertainment or gaming.

Never miss a shade, while taking full control of your display elevates your home desktop to the next level.

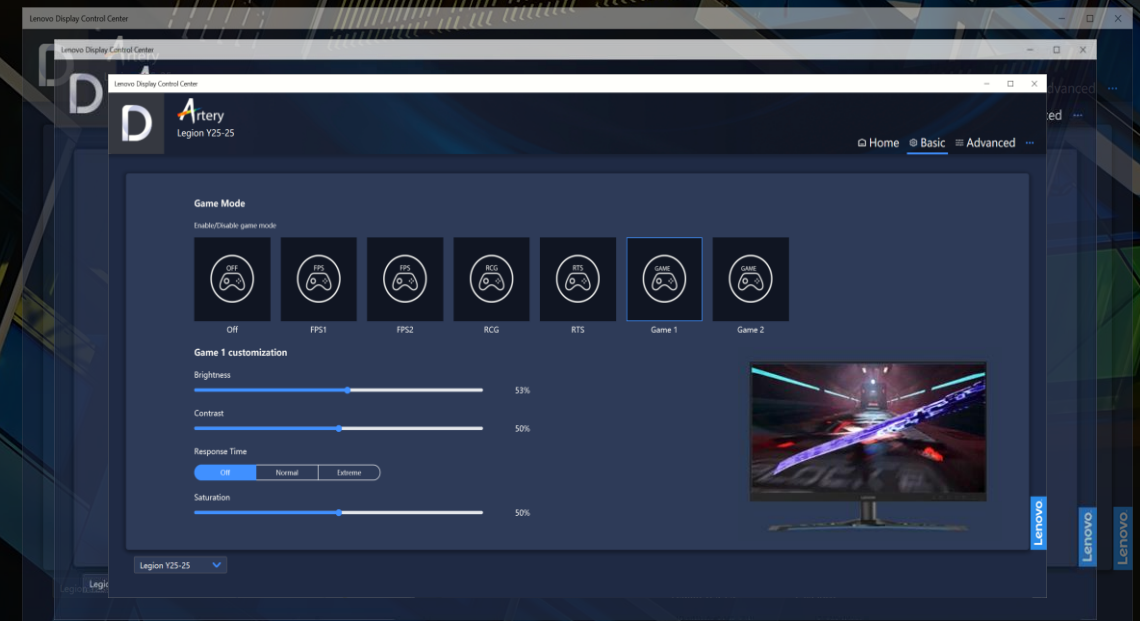


ENHANCED COLOUR CUSTOMIZATION

- Multi-colour gamut & colour temperature, colour tuning, gamma, RGB gain, temperature customization
- User-customized modes
- Real-time adjustment to fine-tune colours with just your mouse
- HDR mode

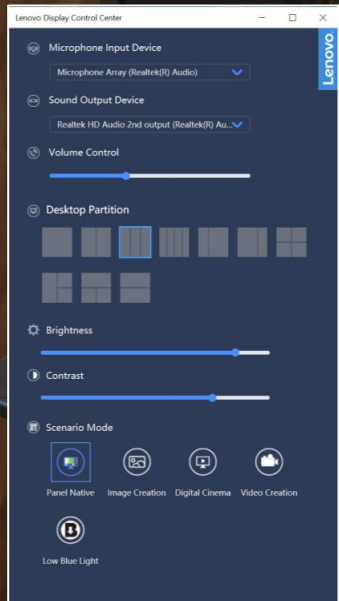


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Stay productive while working from home

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MULTI-TASKING MADE SIMPLE

- Effectively layout your task Windows with Desktop Partition
 - Set partitions crossing multiple monitors
 - Drag app window and put into desired destination window
 - Place app window into partition crossing multiple monitors



COLLABORATION TOOLS

- KVM Switch
 - Enables two PCs to use one set of monitor, keyboard, and mouse
 - Switch video, keyboard, and mouse simultaneously
 - Set video source and USB source for multiple PCs
 - Custom shortcut options or double-click CTRL



Enhanced ergonomic features

Artery puts the user first with enhanced ergonomic functions to ensure a healthy environment over prolonged periods of use.



EYE-HEALTH PROTECTION

- **Low blue light** mode reduces eye strain
- Health Reminders prompts user to take a break at set time intervals and can be switched on/off
- Colour Filter function changes the colour settings that make the display easier to see for those with colour weakness or blindness



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Gaming tools to help you **WIN**

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Artery includes premium functions and tools to help gamers focus on winning the game.



IMMERSIVE VISUALS

- HDR mode for **realistic** gaming effects
- RGB colour adjustment for **enhanced** viewing experience



GAME MODE

- Choose the default settings for different game types (FPS, RCG, RTS)
- Customize settings for brightness, contrast, refresh rates, response time, and saturation
- Save the display settings
- **Easily connect** to and manage audio devices and signal inputs
- **Sync** monitor settings for multiple displays



GAMING ASSIST TOOLS

- Game Assist widget (show frame rate, aim point, timer)
- Choose the position of the frame rate number
- **Shortcut** keys for quick enabling or disabling of assist tools



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**Available for Lenovo and Legion gaming monitors only*

Use case



Home Office Users



Home Entertainment Users



Gamers



Distance Learners



Home Office Users

- Layout windows for **multi-tasking**
- Manage **multiple** screens
- Make **quick adjustments** to audio devices
- **Smart Power** and device charging (for USB-C)
- **Maintain eye health** after prolonged screen time



Gamers

- Make quick screen adjustments (refresh rate, resolution)
- Use **Game Assist** widget to show frame rate, aim point, timer
- Set **shortcut keys** to **save time** changing settings
- Switch **game modes** for different preferences



Distance Learners

- Easily **connect** with audio or video sources
- Task **Scheduler and Reminders** to stay on track
- **Low blue light mode** to protect eye health



Home Entertainment Users

- Easily manage connected devices and audio sources
- Save or load **personalized settings**
- Switch between colour modes or scenario modes for different types of **entertainment**
- **Adjust colour** by clicking or shortcut keys
- Use monitor as **hub** for **extension** to other devices

thanks.

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