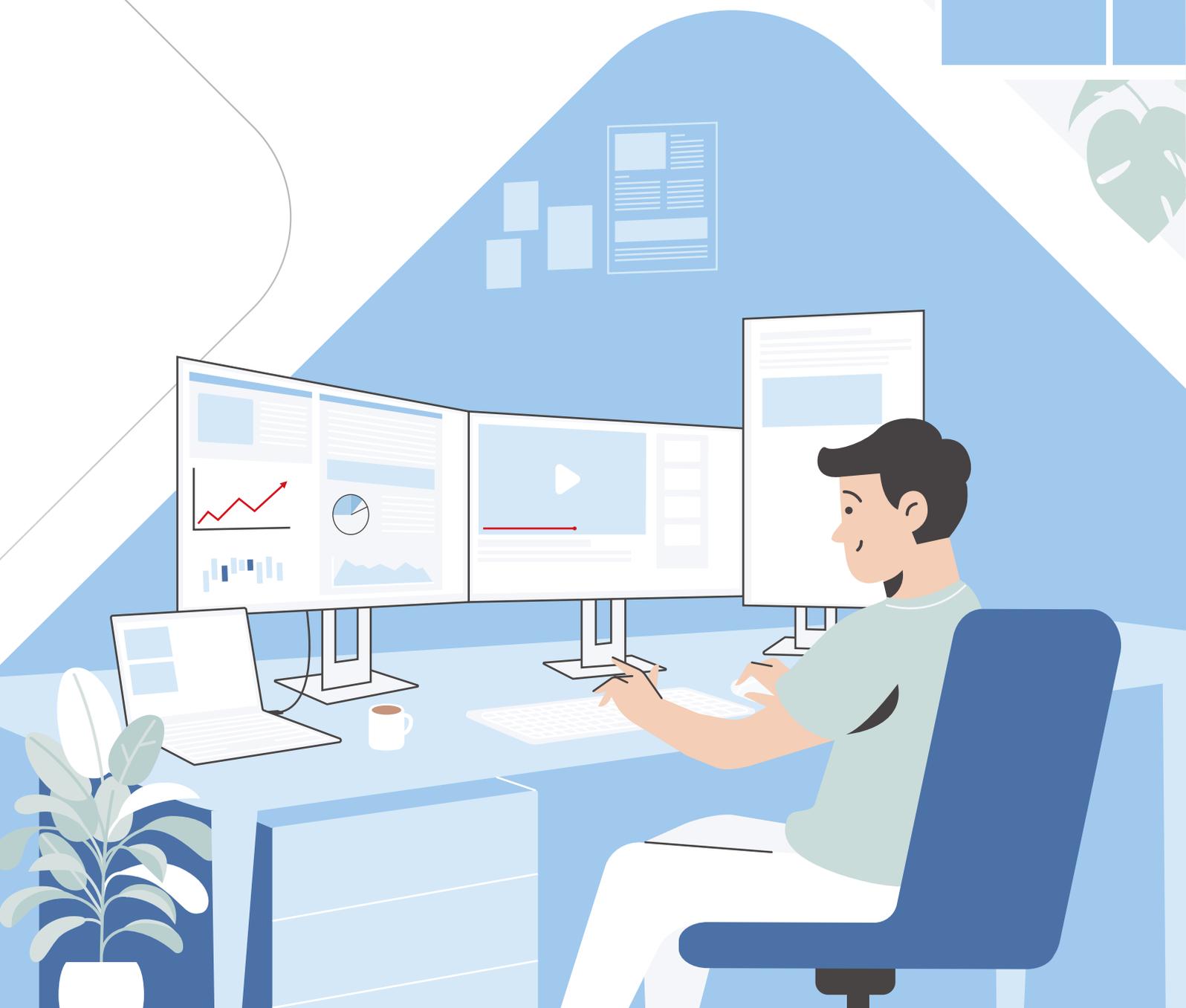# Daisy Chain Solutions

What Are Daisy Chain Solutions?

Managing multiple display connections can be overwhelming. The mix of power and display cables can create a cluttered workspace, and with limited display ports on laptops and computers, you often end up needing many adapters. Fortunately, daisy-chainable monitors provide a solution. Leveraging DisplayPort, USB-C, and Thunderbolt technology, these setups allow you to connect multiple monitors in a series using just one cable, reducing cable clutter and optimizing your workspace for better efficiency.
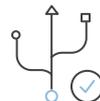
Why Use a Daisy Chain Monitor Setup?

Simplifies Cable Management
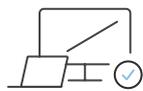
Declutters Workspace Setup

Optimizes Port Availability

Setting Up Your Daisy Chain Workspace

Step-by-Step Guide

Ensure your primary monitor(s) have DisplayPort 1.2+ or Thunderbolt input/output ports.

Windows users: Use DisplayPort or Thunderbolt if your PC supports it. If using DisplayPort, verify that your graphics card supports DisplayPort Multi-Stream Transport (MST) to determine the number of monitors you can connect.

macOS users: Use Thunderbolt for daisy chaining, as MST is not supported.

Step 1

Configure Primary Monitor

Connect your PC to the primary monitor using:
DisplayPort/USB-C Cable: Ensure you select an MST mode.
Thunderbolt Cable: No configuration needed.
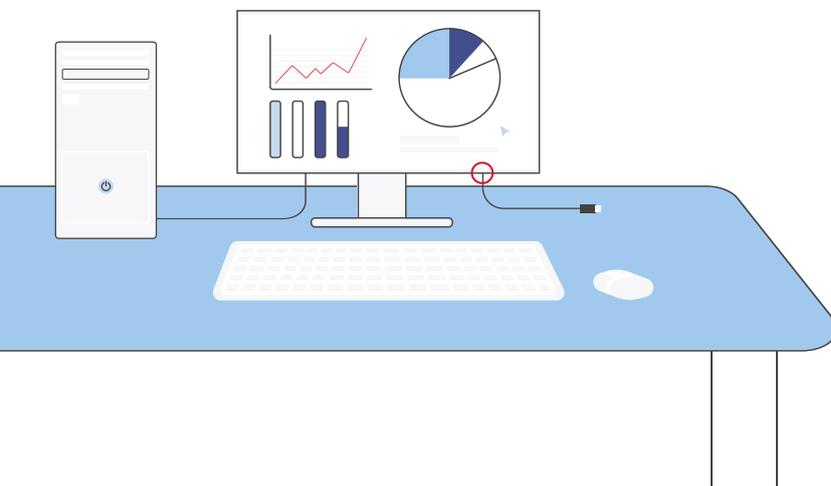
Step 2

Connect the Second Monitor

Link a DisplayPort, USB-C, or Thunderbolt cable from the primary monitor's output to the second monitor.

Step 3

Continue Linking Monitors

Continue to link additional monitors to the chain using DisplayPort, USB-C, or Thunderbolt cables.

Configuring Your Daisy Chain Setup

Understanding Multi-Stream Transport (MST)

While USB-C ports are versatile, handling both video and data, connecting multiple high-bandwidth devices to a single PC's USB-C port can reduce overall performance due to shared bandwidth. DisplayPort Multi-Stream Transport (MST) offers a solution by allowing several monitors to connect via a single USB-C port, however this splits the video bandwidth among the monitors, potentially lowering their resolution and refresh rate.

Note: macOS does not support MST; use a Thunderbolt daisy chain setup instead for a smooth and powerful multi-monitor experience.

DisplayPort MST

HDMI Version

DDC/CI

Type C Priorization

High Data Speed

High Resolution

Choosing the Right MST Mode

When diving into daisy chaining with MST via USB-C, you'll encounter two modes for USB-C prioritization. Picking the right one key to optimizing your setup to match your needs.

High Resolution Mode

Prioritizes visual quality with a maximum resolution of 2K (2560x1440) at 60Hz. However, the trade off is that this limits the data transfer rate to USB 2.0 speeds.

High Data Speed Mode

Maximizes data transfer with USB 3.2 Gen 1 speeds. However, this limits the secondary monitors' resolution and refresh rate to 2560x1440 at 30Hz.

Note: The quality of a daisy chain monitor setup depends on your PC's graphics card capabilities. If the card isn't powerful enough, expect a reduction in both resolution and refresh rates.
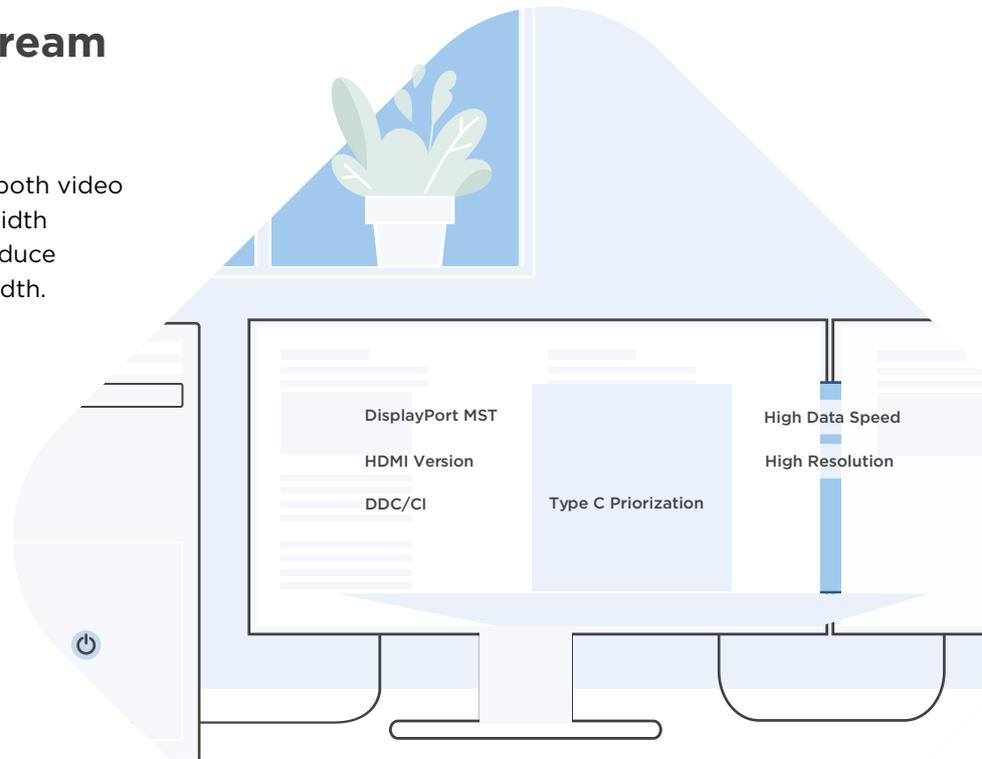
Daisy Chain Supportability

Understanding the Display Limits of Daisy Chain Setups

To set up your multi-monitor configuration, start by checking the number of monitors supported by your PC, whether using USB-C, Thunderbolt or DisplayPort. Note that desktops and laptops may have different capabilities for daisy-chaining monitors. Refer to the diagrams below to see how many monitors you can connect based on your Thunderbolt port, DisplayPort version, and device specifications.

Laptop DisplayPort Daisy Chain Supportability:

Laptop DisplayPort Daisy Chain Compatibility: Connecting multiple external monitors may reduce the built-in laptop display resolution below Full HD due to DisplayPort bandwidth limitations.

Desktop DisplayPort Daisy Chain Supportability:

Desktops support more monitors in daisy chain setups because they lack a built-in display.
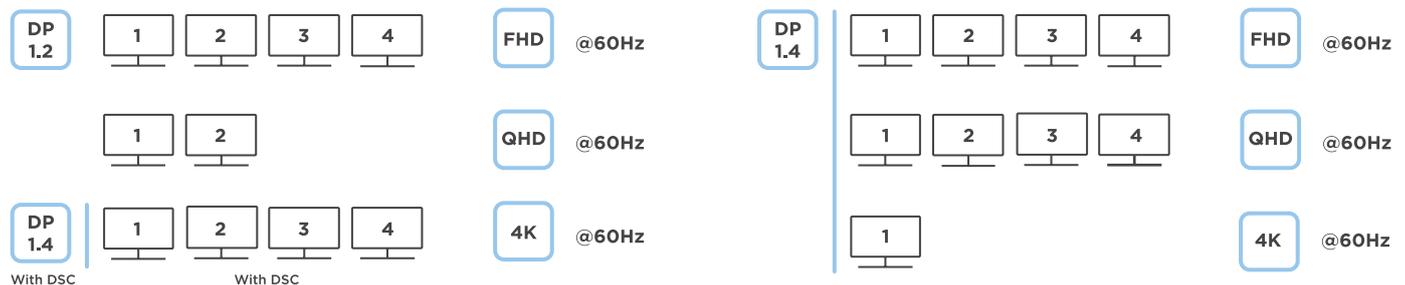
Thunderbolt Daisy Chain Supportability:

In Thunderbolt setups, a laptop's built-in display doesn't count towards the monitor limit.

Note: Some laptops may only support Thunderbolt daisy-chaining to one external monitor when the lid is open, depending on the processor.

ViewSonic Daisy Chain Solutions

Elevate Your Setup with High-performance Monitors

Please note that any monitor with a DisplayPort input can function as a secondary monitor.

Blending Value with Functionality

VG2456A

VG2448A

Experience seamless connectivity and vibrant visuals with this high-value daisy chain monitor setup. The VG2456A 90W USB-C docking monitor is a connectivity hub, featuring an Ethernet RJ45 port and additional USB-A ports to meet all your needs. Complementing it, the VG2448A boasts a stunning frameless design and SuperClear® IPS Panel technology, delivering vibrant, crisp visuals from wide viewing angles. Together, these monitors provide the perfect blend of practicality and visual quality for any environment.

These monitors are sold separately.

Versatile Performance for Any Workspace

VG2456A & VG2455 Dual Head Bundle

Elevate your workspace with this dual head-only daisy chain monitor bundle. The VG2456A, a 90W USB-C docking monitor, stands out as a connectivity powerhouse with its Ethernet RJ45 port and multiple USB-A ports. Complementing it, the VG2455 monitor boasts an ergonomic design, a three-sided frameless bezel, and a USB-C port for seamless integration. When combined in a daisy-chain setup using a single cable, these monitors deliver exceptional performance and functionality while maintaining a sleek, clutter-free workspace.

Ready to Upgrade?

Explore our range of high-performance daisy chain monitors and transform your workspace today.

ViewSonic Daisy Chain Solutions

Designed for the Professional who Demands the Best

Please note that any monitor with a DisplayPort input can function as a secondary monitor.

### Be Meeting-ready Anytime, Anywhere

VG2757V-2K

VG2755-2K

Present your best self in every virtual meeting with the ultimate daisy-chain duo for seamless communication. The VG2757V-2K, certified for Windows Hello and Zoom®, features an integrated camera that delivers exceptional video quality. Pair it with the VG2755-2K 60W USB-C docking monitor to expand your connectivity options with its USB hub. These monitors work in harmony to transform your workspace into a command center, perfect for excelling in remote or hybrid work environments.

These monitors are sold separately.

The Perfect Pair for Creatives
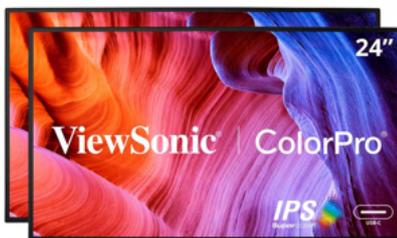
VP2468A Dual Head Bundle

Maximize your creativity with the ColorPro monitor bundle, designed for professionals who demand the best in color accuracy for precise and vibrant work. Whether you're engaged in photography, graphics, or video editing, this dual-monitor pack elevates your creative process to new heights. Its sleek design, featuring ultra-thin bezels, enables a seamless and elegant daisy chain setup, allowing you to effortlessly review edits and work across screens while enjoying consistently vivid colors and sharp details.

Ready to Upgrade?

Explore our range of high-performance daisy chain monitors and transform your workspace today.

ViewSonic Daisy Chain Solutions

Accelerate Creative Workflows with Thunderbolt 4

Create Without Limits

VP2776T-4K Pair

Unlock your creative brilliance with this Thunderbolt 4 daisy chain duo. Designed for professionals, these 4K UHD displays offer top-tier performance with precise Delta E < 2 color accuracy, covering 98% of the DCI-P3 and 100% of the sRGB color spaces. Featuring powerful docking stations with USB-C, dual HDMI 2.1, DP 1.4, and Ethernet ports, these displays enable seamless video, audio, and 40Gbps data transfer—all through a single Thunderbolt 4 cable. Unlike DisplayPort setups that need extra USB cables to activate daisy-chained monitor ports, this setup keeps your workspace sleek and clutter-free.

These monitors are sold separately.

The Ultimate Creative Setup

VP2788-5K Pair

Elevate your creative workflow with this 27" 5K UHD monitor pair, designed to complement your Apple setup in both form and function. The minimalist design echoes the aesthetic of Mac devices, while 99% DCI-P3 color coverage matches the color space of Mac displays—creating a cohesive, modern workspace. With 218 PPI for razor-sharp detail and VESA DisplayHDR 400 for enhanced dynamic range and contrast, these displays deliver the visual precision needed for editing, grading, and design. Thunderbolt 4 ties it all together, providing fast, reliable video, audio, and data transfer through a single cable for a clean, efficient workspace.

These monitors are sold separately.

Ready to Upgrade?

Explore our range of high-performance daisy chain monitors and transform your workspace today.

Primary Daisy Chain Monitors

Enhance Your Workspace with Cost-Effective and High-Performance Solutions.

	VG2458	VG2456A	VG2456
Size / Panel / Type	24" LCD IPS	24" LCD IPS	24" LCD IPS
Resolution (max.) / Ratio	1920 x 1080 FHD/16:9	1920 x 1080 FHD/16:9	1920 x 1080 FHD/16:9
Connectivity	Audio Out x1; HDMI 1.4 x1; DisplayPort 1.4 x1; USB Type-C In 3.2 x 1; USB Type-C Out 3.2 x1; Ethernet LAN (RJ45) x1	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1; Ethernet LAN (RJ45) x1	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1 ; Ethernet LAN (RJ45) x1
USB Hub	USB Type-A x3, USB Type-C x2	USB Type-A x2, USB Type-B x1, USB Type-C x1	USB Type-A x2, USB Type-B x1, USB Type-C x1
Response Time / Refresh Rate	5ms/100Hz	5ms/60Hz	5ms/60Hz
Color Support	8-bit (6 bit + Hi-FRC)	8-bit (6-bit + A-FRC)	8-bit (6-bit + A-FRC)
Speakers	2 Watts x2	2 Watts x2	2 Watts x2
Tilt / Swivel / Rotation	-5°-30°/ ±45° / ±90°	-5°~40°/ 120°/±90°	-5°~40°/120°/±90°
Height Adjust (mm)	150	130	130
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	USB-C Daisy Chaining Built-in Low Blue Light Screen	90W USB-C Power Delivery	60W USB-C Power Delivery

	VG2758-2K	VG2756A-2K	VG2756-2K
Size / Panel / Type	27" LCD IPS	27" LCD IPS	27" LCD IPS
Resolution (max.) / Ratio	2560 x 1440 QHD/16:9	2560 x 1440 QHD/16:9	2560 x 1440 QHD/16:9
Connectivity	Audio Out x1; HDMI 2.0 x1; DisplayPort 1.4 x1; USB Type-C In 3.2 x 1; USB Type-C Out 3.2 x1; Ethernet LAN (RJ45) x1	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1; Ethernet LAN (RJ45) x1	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1; Ethernet LAN (RJ45) x1
USB Hub	USB Type-A x3, USB Type-C x2	USB Type-A x2, USB Type-B x1, USB Type-C x1	USB Type-A x2, USB Type-B x1, USB Type-C x1
Response Time / Refresh Rate	5ms/100Hz	5ms/60Hz	5ms/60Hz
Color Support	8-bit True	8-bit True	8-bit True
Speakers	2 Watts x2	2 Watts x2	2 Watts x2
Tilt / Swivel / Rotation	-5°-30°/ ±45° / ±90°	-5° ~40°/120°/±90°	-5° ~40°/120°/±90°
Height Adjust (mm)	150	130	130
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	USB-C Daisy Chaining Built-in Low Blue Light Screen	98W USB-C Power Delivery	98W USB-C Power Delivery

Primary Daisy Chain Monitors

Enhance Your Workspace with Cost-Effective and High-Performance Solutions.

	VG2457V	VG2757V-2K	TD2455
Size / Panel / Type	24" LCD IPS	27" LCD IPS	24" LCD IPS
Resolution (max.) / Ratio	1920 x 1080 FHD/16:9	2560 x 1440 QHD/16:9	1920 x 1080 FHD/16:9
Connectivity	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1; 3.5mm Audio Out x1; Ethernet LAN (RJ45) x1	Audio Out x1 ; HDMI 2.0 x1; DisplayPort 1.4 x1; DisplayPort Out 1.4 x1; Ethernet LAN (RJ45) x1	Audio Out x 1 ; HDMI 1.4 x 1; DisplayPort x 1; DisplayPort Out x 1
USB Hub	USB Type-A x2, USB Type-C x2	USB Type-A x3, USB Type-C x2	USB Type-A x2, USB Type-B x1, USB Type-C x1
Response Time / Refresh Rate	5ms/100Hz	5ms/100Hz	6ms/60Hz
Color Support	8-bit (6-bit + FRC)	8-bit True	8-bit (6-bit + Hi-FRC)
Speakers	5 Watts x2	5 Watts x2	2 Watts x2
Tilt / Swivel / Rotation	-5°~40°/ 120°/±90°	-5° ~40°/120°/±90°	-5°~60°
Height Adjust (mm)	110	110	--
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	Webcam LED Fill Light, Windows Hello and Zoom® Certified	Webcam LED Fill Light, Windows Hello and Zoom® Certified	60W USB-C Power Delivery

Primary Daisy Chain Monitors

ViewSonic

	VP2788-5K	VP2776T-4K	VP3276T-4K
Size / Panel / Type	27" LCD IPS	27" LCD IPS	32" LCD IPS
Resolution (max.) / Ratio	5120 x 2880 FHD/16:9	3480 x 2160 UHD/16:9	3480 x 2160 UHD/16:9
Connectivity	HDMI 2.1 x1; DisplayPort 1.4 x1; Thunderbolt™ 4 x2	HDMI 2.1 x 2; DisplayPort 1.4 x 1; Thunderbolt™ 4 x 2; 3.5mm Audio Out x1; Ethernet LAN (RJ45) x1	HDMI 2.0 x2; DisplayPort 1.4 x1; Thunderbolt™ 4 x2; Ethernet LAN (RJ45) x1
USB Hub	USB Type-A x2, USB Type-C x2	USB Type-A x3, USB Type-C x1	USB Type-A x3, USB Type-C x2
Response Time / Refresh Rate	5ms/75 Hz	5ms/60Hz	5ms/60Hz
Color Support	10 bit (8 bit + FRC)	10-bit (8-bit + FRC)	10-bit (8-bit + FRC)
Speakers	5 Watts x2	3 Watts x2	3 Watts x2
Tilt / Swivel / Rotation	-5°-22°/ ±60° / ±90°	-3°-21°/ 120°/±90°	-5°-21°/ ±60° / ±90°
Height Adjust (mm)	120	120	130
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	100W Thunderbolt™ 4 Power Delivery, 5K, AGLR, 99% DCI-P3, H/W Color Calibration, Self-Calibration, HDR 400	100W Thunderbolt Power Delivery, 98% DCI-P3, 100% sRGB, Pantone Validated, Thunderbolt™ 4, H/W Color Calibration, HDR 400	100W Thunderbolt™ 4 Power Delivery, 98% DCI-P3, H/W Color Calibration, HDR 400

	VP2488-4K	VP2468A	VP2768A
Size / Panel / Type	24" LCD IPS	24" LCD IPS	27" LCD IPS
Resolution (max.) / Ratio	3840 x 2160 UHD/ 16:9	1920 x 1080 FHD/16:9	2560 x 1440 QHD/16:9
Connectivity	HDMI 2.0 x1; DisplayPort 1.4 x1; Thunderbolt™ 4 x2; USB Type-C In 3.2 x 1; USB Type-C Out 3.2 x1;	HDMI 1.4 x1; DisplayPort 1.2 x1; DisplayPort Out 1.2 x1; Ethernet LAN (RJ45) x1	HDMI 1.4 x2; DisplayPort 1.2 x1; DisplayPort Out x1; Ethernet LAN (RJ45) x1
USB Hub	USB Type-A x2, USB Type-C x2	USB Type-A x2, USB Type-C x1	USB Type-A x2, USB Type-B x1, USB Type-C x1
Response Time / Refresh Rate	5ms/60Hz	5ms/60Hz	5ms/60Hz
Color Support	10 bit (8 bit + FRC)	8-bit True	8-bit True
Speakers	5 Watts x2	--	--
Tilt / Swivel / Rotation	-5°-22°/ ±60° / ±90°	-5°-21°/ 120°/90°	-5°-21°/ 120°/90°
Height Adjust (mm)	120	130	130
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	100W Thunderbolt™ 4 Power Delivery, 98% DCI-P3, HDR 400, 100% sRGB, H/W Color Calibration	65W USB-C Power Delivery, 100% sRGB, 100% Rec.709, Pantone Validated, H/W Color Calibration, Color Blindness Mode	90W USB-C Power Delivery, 100% sRGB, 100% Rec.709, Pantone Validated, H/W ColorCalibration, Color Blindness Mode

Recommended Secondary Monitors

Enhance Your Workspace with Cost-Effective and High-Performance Solutions.

	VG2452	VG2455	VG2448A	VG2456V
Size / Panel / Type	24" LCD IPS	24" LCD IPS	24" LCD IPS	24" LCD IPS
Resolution (max.) / Ratio	1920 x 1080 FHD/16:9	1920 x 1080 FHD/16:9	1920 x 1080 FHD/16:9	1920 x 1080 FHD/16:9
Response Time / Refresh Rate	Audio Out x1; HDMI 1.4 x1; DisplayPort 1.2 x1; USB Type-C 3.2 x 1	5ms/60Hz	5ms/60Hz	5ms/60Hz
Color Support	USB Type-A x2, USB Type-C x2	8-bit (6-bit + A-FRC)	8-bit (6-bit + A-FRC)	8-bit (6-bit + Hi-FRC)
Connectivity	5ms/100 Hz	VGA x1; HDMI 1.4 x1; DisplayPort x1	VGA x1; HDMI 1.4 x1; DisplayPort x1	HDMI 1.4 x1; DisplayPort x1; 3.5mm Audio Out x1; Ethernet LAN (RJ45) x1
USB Hub	8-bit (6 bit + Hi-FRC)	USB Type-A x3, USB Type-B x1, USB Type-C x1	USB Type-A x4, USB Type-B x1	USB Type-A x2, USB Type-B x1, USB Type-C x1
Speakers	2 Watts x2	2 Watts x2	2 Watts x2	5 Watts x2
Tilt / Swivel / Rotation	-5°-30°/ ±45° / ±90°	-5°~40°/ 120°/±90°	-5°~40°/ 120°/±90°	-5°~40°/ 120°/±90°
Height Adjust (mm)	150	130	130	110
Wall Mount (mm)	100 x 100	100 x 100	100 x 100	100 x 100
Special Features	Built-in Low Blue Light Screen	LCD-CMK-001 Compatible	LCD-CMK-001 Compatible	LCD-CMK-001 Compatible, Webcam LED Fill Light

	VG2752-2K	VG2755-2K	VG2748A
Size / Panel / Type	27" LCD IPS	27" LCD IPS	27" LCD IPS
Resolution (max.) / Ratio	2560 x 1440 QHD/16:9	2560 x 1440 QHD/16:9	1920 x 1080 FHD/16:9
Response Time / Refresh Rate	Audio Out; HDMI 2.0 x1; DisplayPort 1.4 x1; USB Type-C 3.2 x 1	5ms/60Hz	5ms/60Hz
Color Support	USB Type-A x2, USB Type-C x2	8-bit True	8-bit (6-bit + A-FRC)
Connectivity	5ms/100Hz	HDMI 1.4 x1; DisplayPort x1	VGA x1; HDMI 1.4 x1; DisplayPort x1
USB Hub	8-bit True	USB Type-A x3, USB Type-B x1, USB Type-C x1	USB Type-A x4, USB Type-B x1
Speakers	2 Watts x2	2 Watts x2	2 Watts x2
Tilt / Swivel / Rotation	-5°-30°/ ±45° / ±90°	-5°~40°/ 120°/±90°	-5°~40°/ 120°/±90°
Height Adjust (mm)	150	130	130
Wall Mount (mm)	100 x 100	100 x 100	100 x 100
Special Features	Built-in Low Blue Light Screen	LCD-CMK-001 Compatible, 60W USB-C Power Delivery	LCD-CMK-001 Compatible

ViewSonic®

www.viewsonic.com