HP Series 5 Pro 49 inch DQHD Conferencing Monitor - 549pm

The massive canvas for the multitasking maestro

See more, do more, faster with one immersive canvas that supports up to two devices simultaneously for seamless edge-to-edge multitasking with the HP Series 5 Pro 49" DQHD Conferencing Monitor. Integrate AI conferencing and ecosystem connectivity with this ultrawide command center.



*Product image may differ from actual product

Dive into your work on an all-encompassing canvas

Uplevel your multitasking real estate by replacing dual monitors with a sweeping, immersive 49" curved display. Optimize your workflows by customizing your screen layouts with Virtual Multiple Display[1] and effortlessly switch between two computers[1] using HP Device Bridge 2.0.[2]

Conference with confidence

Look and sound your best effortlessly with a Poly Studio 5MP pop-up tiltable webcam and AI Noise Reduction—all on an ultra-wide display with Auto Lock and Awake to keep your business your own. Simply pop down the webcam after your call for on-demand privacy.

Work across two PCs seamlessly

Wake up your workspace with frictionless connectivity. Seamlessly work between two computers and manage all of your accessories, while a single USB-C® cable charges and delivers up to 140W of power.[3]

Sustainability in action

Designed with purpose

Designed with at least 90% recycled plastic content in the monitor's enclosure, 20% recycled glass in the monitor panel, 90% recycled aluminum in the stand[4], and ships packaging with certified or recycled sources of paper packaging.[5]

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Featuring

Sharp & Privacy Ready 5MP Webcam
Make a stellar impression with integrated Poly Studio 5MP pop-up tiltable webcam and ensure on-demand privacy with proximity sensors for Auto Lock and Awake.

DNN AI Noise Reduction and Integrated Speaker Performance
Upgrade your conferencing and eliminate distractions with HP AI-based noise reduction filters, achieving balanced sound with dual 3W woofers and 5W tweeters.

AI-Enhanced Video Calls
Collaborate confidently with AI-powered conferencing available on HP AI PCs—seamlessly enhanced through Poly Camera Pro for a smarter, sharper meeting experience.[6,15]

Meetings Made Effortless
Seamlessly collaborate with a Zoom Certified and Microsoft Teams compatible monitor. Access conferencing controls quickly with control buttons on the display.

Immersive Resolution and Aspect Ratio
Dive into crisp visuals with expansive screen space and high pixel density of Dual QHD resolution and 32:9 aspect ratio, making multi-screen workflows seamless.

Massive View with 1800R Curved Monitor
Experience improved focus across a wider view with a 1800R curved monitor, achieving greater immersion while reducing eye strain and unwanted distractions.

More Vibrant Color, Contrast and Brightness
Get a clear, true-to-life view of your work with rich, vibrant 99% sRGB color, 4000:1 contrast ratio, and 400 nits brightness to share in any light.[7]

165 Hz Refresh Rate
165 Hz refresh rate practically removes all artifacting and motion blurring for action that looks crisp and content that is incredibly responsive.[7]

USB-C Power Delivery
Simply connect your entire setup via one USB-C® cable and charge one computer up to 140W.[3]

Disconnected Firmware Updates
ITDMs can now send disconnected firmware updates through HP CMSL, ensuring the process won't interrupt their fleet's workflow, leading to a smoother and more reliable update experience.[8]

Customize your Screen Space with Virtual Multiple Display
Partition your massive 49" display with Virtual Multiple Display, creating up to three virtual unique workspaces that act like three distinct displays for toggle-free multitasking.[1]

HP Device Bridge 2.0
Simplify multitasking with controlled file sharing. HP Device Bridge 2.0 lets you control two devices: copy/paste files, and switch views seamlessly with one keyboard and mouse. No need to press a "hot key".[2]

Smart KVM, PbP and PiP
Prioritize control with Smart KVM, detecting and switching between two computers viewed side-by-side on screen with picture-by-picture or picture-in-picture.[9]

Single Power On
Instantly turn on your display and PC with Single Power On, even when the lid is closed, by pressing the power button on the bottom of the display.[10]

More Ports. More Power.
More ports means more capabilities. With HDMI 2.1, DisplayPort™ 1.4 In, two USB-C®, USB-C® 3.2 (downstream), RJ-45, 3.5 audio jack and 3 USB-A 3.2 ports you can connect multiple devices.[11]

Ambient Light Sensor
Keep your eyes comfortable, day or night, with an ambient light sensor that automatically adjusts screen brightness to the lighting of your environment.

Improved Visual Comfort
Protect your eyes with a monitor that meets the TUV Rheinland Eye Comfort 3.0 - 3 star criteria with HP Eye Ease low blue light filter, wide color coverage and flicker free.[7,12]

HP Display Center
Customize your monitor with the intuitive HP Display Center that lets you tailor your settings, partition screens, and more—all through the host PC.[13]

Remote Management Reimagined
The powerful HP Client Management Script Library (CMSL) works seamlessly with Intune/SCCM to make managing your fleet remotely easy using PowerShell.[8]

Increased Energy Efficiency
To help protect our shared future, this monitor is held to the highest energy saving standard with an ENERGY STAR rating and EPEAT Gold Registration.[14]

Works on Mac® or PC
Verified with devices running across OS, this monitor works with Mac® or PC devices.[15]

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Specifications

Display specifications

Display size	124.5 cm (49")
Viewable diagonal size	49" (124.5 cm)
Aspect ratio	32:9[1]
Curvature	1800R
Native resolution	DQHD (5120 x 1440)[1,2]
Resolution (maximum)	DQHD (5120 x 1440 @ 165Hz)[1]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 2560 x 1440 @ 60 Hz; 3440 x 1440 @ 60 Hz; 3440 x 1440 @ 75Hz; 3440 x 1440 @ 100 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 75 Hz; 840 x 1440 @ 60 Hz; 1680 x 1440 @ 60 Hz; 1760 x 1440 @ 50 Hz; 1760 x 1440 @ 60 Hz; 2560 x 1440 @ 50 Hz; 5120 x 1440 @ 60 Hz; 5120 x 1440 @ 75 Hz; 5120 x 1440 @ 100 Hz; 5120 x 1440 @ 120 Hz; 5120 x 1440 @ 145 Hz; 5120 x 1440 @ 165 Hz; 1680 x 1440 @ 50 Hz; 5120 x 1440 @ 144 Hz
Panel type	VA; LCD
Bezel	3-sided borderless
Panel active area	119.19 x 33.52 cm
Panel bit depth	True 8 bit[1]
Display colors	Up to 16.7 million colors supported[1]
Display color gamut	99% sRGB[1]
Refresh rate (maximum)	165 Hz
Display scan frequency	50-165 Hz (Vertical)[1]; 25-258 kHz (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	400 nits[1]
Contrast ratio	4000:1 (Static)[1] 5,000,000:1 (Dynamic)[1]
Pixel pitch	0.2328 x 0.2328 mm[1]
Pixels per inch (ppi)	109 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Backlight type	Edge-lit
Backlight lamp life	30,000 hours
Display User Control Options	Color; Image; Input; Power; Menu; Management; Information; Exit; Audio
Management software	HP Display Center; HP Client Management Script Library
Remote manageability	In-Band MAC Address Pass Through (MAPT); Out-of-Band MAC Address Pass Through (MAPT); In-Band Wake on LAN (WoL); Out-of-Band Wake on LAN (WoL); PXE Boot; Through HP Client Management Script Library
User updateable firmware	Yes
Low blue light modes	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[1]
Flicker-free	Yes (TÜV certified)
Screen treatment	Anti-glare
Hardness	3H[1]
Haze	25%
VESA mount	100 x 100 mm
Adjustability	Height adjustment range: 150 mm Tilt: -5 to +20° Swivel: ±30°
Camera	5 MP camera
Camera features	Independent tilt -20° to 5° ; Windows Hello support (IR Sensor); Pop-up privacy
Max video resolution	2592 x 1944 at 30 fps
Diagonal field of view (dFoV)	80° (Optical)
Microphone	Dual microphones with DNN noise cancellation
Speaker output power	2 x 3 W (Woofer); 2 x 5 W (Tweeter); Built in, down-firing speakers
Languages	11 (English, Spanish, German, French, Italian, Dutch-Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
Special features	Ambient light sensor; Presence detection sensor; Disconnected Firmware updates; Conferencing control buttons
Productivity	Device Bridge 2.0; KVM switch; Picture-by-Picture; Picture-in-Picture; Single Power ON; Smart KVM; Auto Lock and Awake; Virtual multiple display

Connectivity and communications

Port and connectors	1 HDMI 2.1 1 DisplayPort™ 1.4 1 x 3.5 mm Audio Jack (Audio In/Out Combo) 1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery) 2 USB Type-C® 5Gbps signaling rate (Up to 140W USB Power Delivery, Alt Mode DisplayPort™ 1.4) 3 USB Type-A 5Gbps signaling rate (3 charging) 1 RJ-45 (10/100/1000 Mbps)
HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
Power supply	100 - 240 VAC 50/60 Hz (Internal)
Power consumption	375 W (maximum); 65 W (typical)[13]

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Specifications

Appearance

Stand color	Black; Silver
Detachable stand	Yes
Physical security	Standard lock slot[4]
Base area footprint	27.5 x 26.5 cm
Dimensions without Stand (W x D x H)	119.35 x 30.91 x 37.1 cm (without stand)
Dimensions with stand (W x D x H)	119.35 x 30.91 x 58.73 cm
Weight	13.74 kg (without stand); 17.18 kg (with stand)
Packaged Dimensions (W x D x H)	46.3× 134.49 × 30.81 cm
Packaged weight	26.66 kg

Certification and compliance

Energy efficiency class (SDR)	G 
On mode power demand in Standard Dynamic Range (SDR)	45 W[14]
Standby mode power demand	0.5 W[14]
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10; TCO Certified, Edge[17]
EPEAT registered	EPEAT Gold with Climate+[7]
Ecolabels	CECP; SEPA; Taiwan Green Mark; Japan PC Green Label; CEL Grade 2; Ukraine EE; Belarus EE; Korea MEPS; California CEC
Sustainable impact specifications	At least 20% recycled metal including 90% recycled aluminum in the stand; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 90% post-consumer recycled plastic; Low halogen[8,9,10,11,12]
Certifications	BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; FCC; ICES; ISO 9241-307; KC; KCC; NOM; PSB; RCM; TUV-S; VCCI; WW application; UAE; TUV-GS; ErP LOT5; TÜV Flicker free certified; NRCS; PSE; TÜV Low Blue Light Hardware Solution certified; Australian-New Zealand DoC; EMF
Microsoft WHQL certification	Windows 11; Windows 10[16]
Certified collaboration software	Zoom
Environmental	Operating temperature range: 5 to 35°C Non-operating temperature range -40 to 65°C Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 - 95% Operating altitude: Up to 5,000 m Non-operating altitude: Up to 12,192 m

Additional information

Manufacturer Warranty	HP three-year limited warranty [15]
What's in the box	Monitor; Warranty card; Quick Setup Poster; AC power cord; 2 USB Type-C® to Type-C® cable; VESA mount adapter[3]
Country of origin	Made in China

Logistic information

Pallet Dimensions (L x W x H)	Pallet: 136 x 94 x 199.9 cm (20 ft, 40 ft) 136 x 94 x 246.5 cm (40 HQ)
Pallet weight	Pallet: 364.5 kg (20 ft, 40 ft) 453.7 kg (40 HQ)
Pallet (layers)	4 (20 ft, 40 ft); 5 (40 HQ)
Products per layer	3
Products per pallet	12 (20 ft, 40 ft); 15 (40 HQ)

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Product walkaround



1. Speaker mute
2. Volume down
3. Volume up
4. Microphone mute
5. USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
6. 3.5 mm audio jack (audio in/out combo)
7. USB Type-A 5Gbps signaling rate (charging)
8. Power button



1. Joypad OSD button
2. Security cable slot
3. Power connector
4. HDMI 2.1
5. DisplayPort™ 1.4
6. USB Type-C® (up to 140W USB Power Delivery, Alt mode DisplayPort™ 1.4)
7. USB Type-C® (up to 140W USB Power Delivery, Alt mode DisplayPort™ 1.4)
8. RJ-45 (10/100/1000 Mbps)
9. USB Type-A 5Gbps signaling rate (charging)
10. USB Type-A 5Gbps signaling rate (charging) with KVM

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Accessories and services (not included)

HP Quick Release Bracket 2		HP Quick Release is an easy to use, 100 mm VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts.[1] HP Quick Release can also be used for mounting any combination of devices that are compatible with the 100 mm VESA Flat Display Mounting Interface Standard. The failsafe "Sure-Lock" mechanism snaps the monitor (or mounted device) securely in place, and can be further secured with a theft-deterrent security screw. **Product number: 6KD15AA** [1] Please contact your Sales agent or HP Service for further guidance.
HP B560 PC Mounting Bracket		Create a compact workspace with the HP B560 PC Mounting Bracket. Attach your HP Desktop Mini PC[1] behind select E-Series G5[2], Series 5 Pro[3], or Series 7 Pro[4] monitors for a fully adjustable, space-saving solution. **Product number: 763U8AA** [1] Compatible with Desktop Mini PCs and Workstations that have a 100 mm x 100 mm VESA mount. Use included spacer kit to allow compatibility with HP Thin Clients that have a 100 mm x 100 mm VESA mount. [2] Compatible with the following E-Series monitors: E22 G5, E24 G5, E24t G5, E24q G5, E27 G5, E27q G5, E24u G5, E27u G5, E27k G5, and E32k G5, E45c G5.
HP Business PC Security Lock v3 Kit		Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit. **Product number: 3XJ17AA**

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Footnotes

Messaging Footnotes

[1] Available through HP Display Center - Virtual Multiple Displays. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS. Host PC requires USB-C® (Alt Mode DisplayPort™) connection to enable Virtual Multiple Display and Windows 10 or higher.
[2] HP Device Bridge 2.0 works with two computers and is compatible with Windows 10 and higher, MacOS M1 platforms, and up to Ubuntu 18.04 devices.
[3] When two sources are connected, first device gets up to 90W and second one up to 65W.
[4] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria. Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass. Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[5] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
[6] Poly Camera Pro App features only available on the HP AI PC: AI features include: Auto Frame, Background Blur, Magic Background, Multi-Camera, Streaming, Spotlight, Filters. Sold separately.
[7] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[8] HP CMSL is only supported on 64-bit PowerShell 5.1 and higher. CMSL supports Windows 10 version 1809 and higher, and Windows 11. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.
[9] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable.
[10] Single Power On only compatible with HP PCs with Windows 10 or higher.
[11] AC power cable and 2 x USB-3.2 C-C cables included.
[12] TÜV Rheinland® 3-star eye comfort certification.
[13] Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS.
[14] Based on US registration according to EPEAT criteria and EPEAT Climate+. Status and tier level varies by country. Visit www.epeat.net for more information. EPEAT is a world class ecolabel for electronics and technology products. EPEAT Gold with Climate+ registered products have met rigorous criteria and been independently verified to assure they have been thoughtfully designed with the planet in mind. With EPEAT Climate+, you're not just choosing products; you're choosing a movement towards corporate responsibility and climate action. This product has been verified to meet ENERGY STAR® requirements.
[15] Poly Camera Pro requires Windows OS. AI applications that require an NPU may require the purchase of software, a software subscription, or enablement by a software or platform provider. Additionally, third-party software may have specific configuration or compatibility requirements. Performance varies depending on usage, configuration, and other factors.
[16] Based on internal testing of HP Series 7 Pro and HP Series 5 Pro monitors with USB Type-C® or HDMI connections to devices on macOS and Windows, March 2024 and September 2024. Requires USB Type-C® or HDMI connectivity. Some features may not be supported.

Technical Specifications Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 2560 x 1440 at 60 Hz with 8 bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 2560 x 1440 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.
[3] Included cables may vary by country.
[4] Lock sold separately.
[5] Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS.
[6] The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit hp.com to download HP CMSL.
[7] EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Based on US registration according to EPEAT criteria and EPEAT Climate+. Status and tier level varies by country. Visit www.epeat.net for more information.
[8] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[9] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria.
[10] Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.
[11] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[12] Packaging parts contain certified or recycled fibers and are typically recycled in your local paper/carton recycling bin, consult your local guidelines.
[13] Maximum brightness and contrast setting with maximum power loading on USB downstream ports (for power consumption maximum); Factory default brightness and contrast setting with 25% power loading on USB downstream ports (for power consumption typical).
[14] As defined in EU 2019/2021 and EU 2019/2013.
[15] Please refer to the warranty card supplied with the product for details. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.
[16] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[17] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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