



HP Series 5 Pro 49 inch DQHD Conferencing Monitor - 549pm (B7GV8AA)

Overview

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.



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]



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]



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.



Materials that make an impact

This energy-efficient monitor is thoughtfully designed with at least 90% recycled plastic content in the monitor's enclosure, 20% recycled glass in the monitor panel, and 90% recycled aluminum in the stand.[4] Plus, 100% of the paper-based packaging is sustainably sourced or recycled.[5]

Features

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.

[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 of the metal according to ISO 14021 definitions for metal parts over 25 grams.

[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.

[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.

Specifications

Color	Black
Display Size (diagonal)	49"
Panel Technology	VA; LCD
Display Size (diagonal, metric)	124.5 cm (49")
Aspect Ratio	32:9 ^[1]
Native Resolution	DQHD (5120 x 1440) ^[1,2]
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
Pixel Pitch	0.2328 x 0.2328 mm ^[1]
Brightness (typical)	400 nits ^[1]
Display Contrast Ratio (Static)	4000:1 ^[1]
Response Time (Typical)	5ms GtG (with overdrive) ^[1]
Product Dimensions (metric)	119.35 x 30.91 x 37.1 cm (without stand)
Product Dimensions (imperial)	46.99 x 12.17 x 14.61 in (without stand)
Product Dimensions (with stand metric)	119.35 x 30.91 x 58.73 cm
Weight (metric)	13.74 kg (without stand); 17.18 kg (with stand)
Weight (imperial)	37.88 lb (with stand); 30.29 lb (without stand)
Display Features	Docking monitor ^[1]
Onscreen Controls	Color; Image; Input; Power; Menu; Management; Information; Exit; Audio
Display Colors	Up to 16.7 million colors supported ^[1]
Display Scan Frequency (horizontal)	25-258 kHz ^[1]
Display Scan Frequency (vertical)	50-165 Hz ^[1]
Camera	5 MP camera
Power Supply Required	100 - 240 VAC 50/60 Hz
Power Consumption Description	375 W (maximum); 65 W (typical) ^[13]
Operating Temperature Range (celsius)	5 to 35°C
Operating Humidity Range	20 to 80% RH (non-condensing)
Sustainable Impact Specifications	Low halogen; 90% post-consumer recycled plastic; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; At least 20% recycled metal including 90% recycled aluminum in the stand; Molded paper pulp cushion inside box is 100% sustainably sourced or recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Certifications and Compliances	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
Physical Security	Standard lock slot ^[4]
Management Software	HP Display Center; HP Client Management Script Library ^[5,6]
UPC Number	(A2K) 198990299198; (A2N) 198990299204; (AB0) 198990299228; (AB1) 198990299259; (AB2) 198990299273; (AB4) 198990299280; (ABA) 198990299303; (ABB) 198990299327; (ABG) 198990299341; (ABJ) 4582712600526; (ABT) 198990299365; (ABU) 198990299396; (ABV) 198990299402; (ABY) 198990299426; (AC8) 198990299457; (ACJ) 198990299464; (ACQ) 198990299495; (AH3) 198990299501; (AKH) 198990299518; (AKL) 198990299549; (AR6) 198990299556; (UUF) 198990299570; (UUZ) 198990299587
Manufacturer Warranty	HP three-year limited warranty ^[15]
What Is In The Box	Monitor; Warranty card; Quick Setup Poster; AC power cord; 2 USB Type-C® to Type-C® cable; VESA mount adapter ^[3]

Additional specifications

Audio Port	1 x 3.5 mm Audio Jack (Audio In/Out Combo)
Backlight Lamp Life Minimum (To Half Brightness)	30,000 hours
Backlight Type	Edge-lit
Base Area Footprint (imperial)	10.82 x 10.43 in
Base Area Footprint (metric)	27.5 x 26.5 cm
Bezel	3-sided borderless
Camera Features	Independent tilt -20° to 5° ; Windows Hello support (IR Sensor); Pop-up privacy
Certified Collaboration Software	Zoom
Conferencing Hot Keys	Mic mute; Speaker Mute; Volume up/down
Curvature	1800R
Datasheet Photo 01	https://hp.widen.net/content/evmzzxtwd1/png/Series_5_Ganondorf_Pro_549pm_Display_catalog_TransparentBG_Front_4296306.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp
Datasheet Photo 02	https://hp.widen.net/content/tf8ag1fkxo/png/Series_5_Ganondorf_Pro_549pm_Display_catalog_TransparentBG_FrontRight_4286549.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp
Datasheet Photo 03	https://hp.widen.net/content/6dt8itbf74/png/Series_5_Ganondorf_Pro_549pm_Display_catalogTransparentBG_Rear_4287598.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp
Datasheet Photo 04	https://hp.widen.net/content/5ksrzz7gsu/png/Series_5_Ganondorf_Pro_549pm_Display_catalog_TransparentBG_RightProfile_4287597.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp
Detachable Stand	Yes
Diagonal Field of View (dFoV)	80° (Optical)
Display Area (imperial)	46.93 x 13.20 in
Display Area (metric)	119.19 x 33.52 cm
Display Color Gamut	99% sRGB ^[1]
Display Contrast Ratio (Dynamic)	5,000,000:1
DisplayPort™	1 DisplayPort™ 1.4
Ecolabels	CECP; SEPA; Taiwan Green Mark; Japan PC Green Label; TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+; CEL Grade 2; Ukraine EE; Belarus EE; Korea MEPS; California CEC
Energy Efficiency Class	G
Energy Efficiency Class Logo	https://h10003.www1.hp.com/digmedialib/proding/lowres/c07055648.png
Energy Star Certified	ENERGY STAR® certified
Ethernet	1 RJ-45 (10/100/1000 Mbps)
Flicker-Free	Yes (TÜV certified)
HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
HDMI	1 HDMI 2.1

Hardness	3H ^[1]
Haze	25%
Height Adjustment Range	150 mm
Horizontal Viewing Angle	178°
Layers Per Pallet	4 (20 ft, 40 ft); 5 (40 HQ)
Low Blue Light Modes	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) ^[1]
Maximum Camera Resolution	2592 x 1944 at 30 fps
Microphone	Dual microphones with DNN noise cancellation
Non-operating Altitude (imperial)	Up to 40,000 ft
Non-operating Altitude (metric)	Up to 12,192 m
Non-operating Humidity Range	5 - 95%
Non-operating Temperature - Celsius	-40 to 65°C
Non-operating Temperature - Fahrenheit	-40 to 149°F
On mode Power Demand in Standard Dynamic Range (SDR)	45 W
Operating Altitude (imperial)	Up to 16,400 ft
Operating Altitude (metric)	Up to 5,000 m
Operating Temperature Range (fahrenheit)	41 to 95°F
Package Dimensions (imperial)	18.23 x 52.95 x 12.13 in
Package Weight (imperial)	58.78 lb
Package Weight (metric)	26.66 kg
Pallet Dimensions (imperial)	Pallet: 53.54 x 37.01 x 78.7 in (20 ft, 40 ft); 53.54 x 37.01 x 97.05 in (40 HQ)
Pallet Dimensions (metric)	Pallet: 136 x 94 x 199.9 cm (20 ft, 40 ft); 136 x 94 x 246.5 cm (40 HQ)
Pallet Weight (imperial)	Pallet: 805.57 lb (20 ft, 40 ft); 1000.24 lb (40 HQ)

Pallet Weight (metric)	Pallet: 364.5 kg (20 ft, 40 ft); 453.7 kg (40 HQ)
Panel Bit Depth	True 8 bit ^[1]
Pixels Per Inch (PPI)	109 ppi ^[1]
Power Supply Type	Internal
Product Caption Image 01	https://prismpui-int.inc.hpinc.net/PRO.Crystal.1/DAMHandler/Accessories/Series_5_Ganondorf_Pro_549pm_Display_PortCallout_TransparentBG_Front (2)(002).png
Product Caption Image 02	https://prismpui-int.inc.hpinc.net/PRO.Crystal.1/DAMHandler/Accessories/Series_5_Ganondorf_Pro_549pm_Display_PortCallout_TransparentBG_Rear (1).png
Product Dimensions (with stand, imperial)	46.99 x 12.17 x 23.12 in
Product Long Name Specifications	HP Series 5 Pro 49 inch DQHD Conferencing Monitor - 549pm, 165 Hz, 99% sRGB, VA; LCD, 5 MP camera, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Product Short Name Specifications	HP Series 5 Pro 49 inch DQHD Conferencing Monitor - 549pm, 165 Hz, 99% sRGB, VA; LCD
Productivity Features Included	Device Bridge 2.0; KVM switch; Picture-by-Picture; Picture-in-Picture; Single Power ON; Smart KVM; Auto Lock and Awake; Virtual multiple display
Products Per Pallet	12 (20 ft, 40 ft); 15 (40 HQ)
Products per Pallet Layer	3
Refresh Rate (maximum)	165 Hz
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
Resolution (maximum)	DQHD (5120 x 1440 @ 165Hz) ^[1]
Screen Treatment	Anti-glare
Speaker Output Power	2 x 3 W (Woofers); 2 x 5 W (Tweeter)
Speaker Type	Built in, down-firing speakers
Special Features	Ambient light sensor; Presence detection sensor; Disconnected Firmware updates; Conferencing control buttons
Stand Color	Black; Silver
Stand Type	With stand; Height adjustable stand
Standby Mode Power Demand	0.5 W
Swivel	±30°
Technology Logo 01	https://h10003.www1.hp.com/digmedialib/proding/lowres/c08373057.png
Technology Logo 02	https://prismpui-int.inc.hpinc.net/PRO.Crystal.1/DAMHandler/Accessories/EPEAT_GOLD_PLUS_ICON.png
Technology Logo 03	https://h10003.www1.hp.com/digmedialib/proding/lowres/c08717783.png
Tilt	-5 to +20°
UNSPSC Code	43211902
USB A	3 USB Type-A 5Gbps signaling rate (3 charging)
USB Type-C® Data	1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
USB Type-C® Video Input	2 USB Type-C® 5Gbps signaling rate (Up to 140W USB Power Delivery, Alt Mode DisplayPort™ 1.4)

VESA Mounting	100 x 100 mm
Vertical Viewing Angle	178°
Video Connectors	HDMI; DisplayPort™-in; USB Type-C®
Viewable Diagonal Size	49" (124.5 cm)

[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.

[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).

[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.

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B560 PC Mounting Bracket	763U8AA
HP Quick Release Bracket 2	6KD15AA

Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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