Datasheet

HP Series 3 Pro 27 inch QHD Monitor - 327qh G2

Focused work starts with QHD clarity

Give teams QHD resolution[1] to see content clearly and work comfortably throughout the day. The HP Series 3 Pro 27 inch QHD Monitor - 327qh G2 combines smooth 120Hz[1] performance and 4-way ergonomic adjustability in a dependable design making it easy for organizations to standardize, deploy at scale, and support modern work without unnecessary complexity.

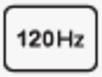


*Product image may differ from actual product



Bring focus to your workflow

QHD helps teams see more content at once and without compromising readabilty. The HP Series 3 Pro 27 inch QHD Monitor delivers clear text, consistent detail, and a 1500:1 contrast ratio[1] that provides comfortable viewing throughout the day. With fewer interruptions from scrolling and resizing windows, users stay focused and productive making this display a practical choice for detail-oriented work.



Smoother motion for everyday work

A fluid on-screen experience supports seamless work throughout the workday. With a 120Hz refresh rate[1], scrolling documents, moving windows, and switching between tasks appear consistent and controlled, supporting smooth interaction with content. From spreadsheets and dashboards to email and documents, reduced visual interruption during long sessions helps users stay comfortable, engaged, and productive from start to finish.



Comfort built around how work gets done

With four-way adjustability—height, tilt, pivot, and swivel—the HP Series 3 Pro 27 inch QHD Monitor gives each user the ability to adjust their display to their own preferences, supporting comfort and consistency throughout the workday. Paired with the HP Ergonomic Setup Guide[2], team members can create a setup that fits how they work, allowing them to dial in their workspace quickly while enjoying comfortable viewing and a consistent experience across shared or deployed environments.

Sustainability in action

Designed with purpose

This ENERGY STAR® certified[3] display is designed to help reduce energy use and operating costs and is also EPEAT® Gold registered[4], meeting stringent environmental criteria across its lifecycle. Thoughtfully engineered, the monitor incorporates at least 85% post-consumer recycled plastic in the enclosure[4], 20% recycled glass in the panel[6], and 10% recycled metal in the stand.[7] It is also mindfully shipped using 100% certified or recycled paper-based packaging materials.[8]

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Featuring

Built-in 2 X 2W speakers
Listen to music, meetings and more with the built-in, dual 2W speakers.

Always-on, True Color, Low-Blue Light
Help protect your eyes with hardware-based HP Eye Ease that reduces blue light without impacting color.

Convenient ports
Designed for effortless setup, this monitor lets you quickly connect and enjoy QHD visuals with HDMI 1.2 and DisplayPort 1.2.[1,9]

3-sided boarderless bezel
See and do more on your screen with a 3-sided boarderless bezel that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Designed with purpose
HP is committed to helping protect our shared future by minimizing the energy our monitors consume to help reduce energy demand. This monitor is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Gold Registration.[3,4]

More contrast
See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.[1]

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.[10]

Remote management reimagined
HP Client Management Script Library (CMSL) makes remote manageability easy to use. This powerful solution works seamlessly with Intune/SCCM to manage your display fleet using PowerShell.[11]

Work in comfort
Achieve all-day comfort with tilt, base swivel 3600, pivot, and 100mm height adjustability when you apply the best practices from the Ergonomic Setup Guide.[2]

99% sRGB Color Gamut
Enjoy highly accurate colors on screen with 99% sRGB. This HP monitor provides ideal color reproduction with minimal effort.[1]

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Specifications

Display specifications

Display size	71.19 cm (28.03")
Viewable diagonal size	27" (68.47 cm)
Aspect ratio	16:9[1]
Curvature	Flat
Native resolution	QHD (2560 x 1440)[1,2]
Resolution (maximum)	QHD (2560 X 1440 @ 120 Hz)[1]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1024 x 768 @ 75 Hz; 1280 x 720 @ 60 Hz; 1280 x 800 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1280 x 1024 @ 75 Hz; 1440 x 900 @ 60 Hz; 1600 x 1200 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 50 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 120 Hz; 1920 x 1200 @ 60 Hz; 2560 x 1440 @ 60 Hz; 2560 x 1440 @ 75 Hz; 2560 x 1440 @ 100 Hz; 2560 x 1440 @ 120 Hz
Panel type	IPS; LED
Bezel	3-sided borderless
Panel active area	59.67 x 33.57 cm
Panel bit depth	True 8 bit[1]
Display colors	Up to 16.7 million colors supported[1,8]
Display color gamut	99% sRGB[1]
Refresh rate (maximum)	120 Hz[1]
Display scan frequency	50-120 Hz (Vertical)[1]; 30-190 kHz (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	300 nits[1]
Contrast ratio	1500:1 (Static)[1] 8,000,000:1 (Dynamic)[1]
Pixel pitch	0.2331 x 0.2331 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	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Audio
Management software	HP Display Center; HP Client Management Script Library
User updateable firmware	No
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: 135 mm Tilt: -5 to +23° Swivel: 360° (base swivel) Pivot: +90°
Camera	No integrated camera
Speaker output power	2 x 2 W;
Languages	11 (English, Spanish, German, French, Italian, Dutch-Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)

Connectivity and communications

Port and connectors	1 HDMI 2.0 1 DisplayPort™ 1.2
HDCP	Yes, DisplayPort™ and HDMI
Power supply	100 - 240 VAC 50/60 Hz (Internal)
Power consumption	55 W (maximum); 22 W (typical)[5]

HP Series 3 Pro 27 inch QHD Monitor - 327qh G2

Specifications

Appearance

Product color	Black
Stand color	Black
Detachable stand	Yes
Physical security	Standard lock slot[12]
Base area footprint	20 x 21.5 cm
Dimensions without Stand (W x D x H)	61.3 x 5.9 x 36.2 cm (without stand)
Dimensions with stand (W x D x H)	61.3 x 22.7 x 51.7 cm
Weight	5.68 kg (with stand); 4.13 kg (without stand)
Packaged Dimensions (W x D x H)	70.6 x 14.2 x 46.3 cm
Packaged weight	7.93 kg

Certification and compliance

Energy efficiency class	E 
On mode power demand in Standard Dynamic Range (SDR)	21.7 W[5]
Standby mode power demand	0.5 W[5]
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10[14]
EPEAT registered	EPEAT Gold with Climate+[13]
Ecolabels	CECP; SEPA; Taiwan Green Mark; Japan PC Green Label; CEL Grade 2; Ukraine EE; Korea MEPS; California CEC
Sustainable impact specifications	At least 85% post-consumer recycled plastic; At least 10% recycled metal; Contains 20% recycled glass in the monitor panel; Molded paper pulp cushion and folded corrugated cushion inside box are made of 100% recycled or certified sources[8,9]
Certifications	BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ICES; ISO 9241-307; KC; KCC; NOM; PSB; VCCI; WEEE; WW application; TUV-GS; NRCS of South Africa; TÜV Flicker free certified; Cambodia ISC; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; UAE safety; UAE RoHS; Ukraine safety; Australian-New Zealand DoC; Mexico LTE; UK RoHS
Microsoft WHQL certification	Windows 11; Windows 10[6]
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 [4]
What's in the box	Monitor; Warranty card; Quick Setup Poster; HDMI cable (1.8 m); AC power cable (1.83 m)[3]
Country of origin	Made in China/Vietnam

Logistic information

Pallet Dimensions (L x W x H)	Pallet: 121.9 x 101.6 x 198.3 cm (20 ft, 40 ft), 121.9 x 101.6 x 244.6 cm (40 HQ)
Pallet weight	Pallet: 336.49 kg (20 ft, 40 ft), 416.08 kg (40 HQ)
Pallet (layers)	Slip sheet: 4 layers (20 ft, 40 ft), 5 layers (40 ft HQ); Pallet: 4 layers (20 ft, 40 ft), 5 layers (40 ft HQ)
Products per layer	10
Products per pallet	Slip sheet: 40 (20 ft, 40 ft), 50 (40 HQ); Pallet: 40 (20 ft, 40 ft), 50 (40 HQ)

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Product walkaround



1. Power LED



1. Joystick
2. Power connector
3. HDMI 2.0 port
4. DisplayPort™ 1.2
5. Security lock

HP Series 3 Pro 27 inch QHD Monitor - 327qh G2

Accessories and services (not included)

HP B550 PC Mounting Bracket		Customize an altogether better solution with the HP PC B550 Mounting Bracket, which lets you attach your Z Mini Workstation directly behind select HP Z displays/Series 7 Pro monitors.[1] **Product number: 16U00AA** [1] Compatible with select HP Z Display, Series 7 Pro, P Series, and Series 3 Pro Monitors. Please check detailed compatibility on accessory datasheet.
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 Desktop Mini v4+ VESA Sleeve		Wrap your HP Desktop Mini PC in the HP Desktop Mini v4+ VESA Sleeve to securely mount it—with or without an Expansion Module[1,2]—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock. **Product number: 99T54AA** [1] Sold separately. Expansion Modules are compatible with the HP Desktop Mini v4+ VESA Sleeve (99T54AA). See product QuickSpecs for exact configurations. [2] Requires HP Quick Release Monitor Arm for selected models. Please contact your Sales agent or HP Service for further guidance.

HP Series 3 Pro 27 inch QHD Monitor - 327qh G2

Footnotes

Messaging Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. 120Hz refresh rate can be supported via HDMI and DP cable connection only.
[2] Ergonomic Setup Guide is available through HP Display Center. Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[3] ENERGY STAR® and the ENERGY STAR® logo are registered trademarks of the U.S. Environmental Protection Agency.
[4] EPEAT registered where applicable, tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.
[5] 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.
[6] 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.
[7] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[8] Packaging parts contain certified or recycled fibers and are typically recycled in your local paper/carton recycling bin, consult your local guidelines.
[9] HDMI 1.2 and AC power cable included. All other cables sold separately.
[10] 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.
[11] HP CMSL is only supported on 64-bit PowerShell 5.1 and higher. CMSL Support Windows 10 version 1809 and higher, and Windows 11. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.

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 1.2 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 (default) with 8-bit color using one HDMI or DisplayPort.
[3] Included cables may vary by country.
[4] 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.
[5] 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).
[6] 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.
[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] 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.
[9] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[10] 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.
[11] 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.
[12] Lock sold separately.
[13] EPEAT registered where applicable, tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.
[14] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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