



HP E24q G5 QHD Monitor (6N4F1AA)



Overview

Redefining Focus

Intentionally crafted to deliver crisp visuals, personalized comfort, and true flexibility, the HP E24q G5 QHD Monitor redefines comfort, so there's nothing between you and your best. Stylishly designed with the planet in mind, this display is the perfect fit for both the office and home.

See it All, Do it All

When the difference is in the details, this 23.8-inch diagonal QHD monitor displays the clarity you need to stay focused on the task at hand. With rich 99% sRGB color depth and IPS technology[1], you'll see clear, vivid colors across wide viewing angles[2].

Bring Comfort to Work

When doing your best relies on feeling your best, it's easy to find all-day comfort with 4-way adjustability optimized by the step-by-step Ergonomic Setup Guide in HP Display Center[3]. Help keep your eyes comfortable with a monitor that comes with flicker-free technology, a 75Hz refresh rate[1] and HP Eye Ease, an always-on, built-in low-blue light filter.

Connect Intuitively

Work how you want with flexible connectivity and settings. Purposefully in reach, the accessible ports make connecting your devices quick and easy, while you effortlessly navigate your on-screen settings with the intuitive joystick OSD button.

Design that Inspires

Spark joy on your desk and in the world with a monitor built around you. The elegant, efficient design and 3-sided micro-edge bezel elevate your office while maximizing space. Beyond the looks, feel good with a monitor that contains recycled plastics[4] and metals[5]. And customize your space to boost your productivity with the matching accessory ecosystem[6].

Features

Ergonomic Setup Guide

Achieve all-day comfort when you apply the best practices from the Ergonomic Setup Guide.^[3]

IPS Panel

No matter where you stand, IPS technology ensures image accuracy and consistency across wide, 178-degree horizontal and vertical viewing angles.

Endless Adjustability

Work effortlessly with 4-way ergonomics that help keep your neck, shoulders, and back comfortable throughout the day. Customize pivot, tilt, 150 mm height adjust, and swivel settings to fit you, your desk, and your needs.

Enhanced Viewing Comfort with HP Eye Ease

Always-on, built-in, low-blue light filter that reduces blue light without the yellow color shift now enhanced with a 75Hz refresh rate.^[1]

99% sRGB Color Space

Enjoy what you see on screen with 99% sRGB color space. This display provides ideal color reproduction for vibrant images and videos.^[1]

More Ports. More Flexibility.

More ports means more capabilities. With an HDMI, DisplayPort™, USB-B, and 4 USB-A 3.2 ports, you can connect multiple devices like a headset and webcam.^[7]

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[2] More accurate colors compared to 72% NTSC.

[3] 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.

[4] Recycled/Renewable materials made up of 85% ITE, 4.5% Ocean Bound Plastics, and 0.5% coffee grounds. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. HP defines renewable according to the Global Reporting Initiative Sustainability Reporting Standards.

[5] Consists of 25% recycled metals. 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.

[6] Extended ecosystem sold separately.

[7] AC Power cable, HDMI 1.4 cable, DisplayPort™ 1.2 cable, and USB 3.0 A-B cable included. All other cables sold separately.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Aspect ratio	16:9 ^[1]
Native resolution	QHD (2560 x 1440) ^[1,2]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440
Pixel pitch	0.21 x 0.21 mm
Brightness	300 nits ^[1]
Contrast ratio	1000:1 ^[1]
Response time (typical)	5ms GtG (with overdrive) ^[1]
Minimum dimensions (W x D x H)	21.24 x 1.85 x 12.7 in (without hinge); 21.24 x 2.95 x 12.7 in (with hinge) (without stand)
Weight	12.83 lb (with stand)
Display features	On-screen controls; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease
Onscreen controls	Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-115 kHz
Display scan frequency (vertical)	50-75 Hz
Power	100 - 240 VAC 50/60 Hz
Power consumption	56 W (maximum), 39 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH
Sustainable impact specifications	Low Halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains ocean-bound recycled plastic; 85% ITE-derived closed loop plastic; At least 25% recycled metal
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CE Marking; CECP; CEL; CEL Grade 1; cTUVus; EAC; ENERGY STAR®; FCC; ISO 9241-307; KC/KCC; Microsoft WHQL Certification; NOM; PSB; SEPA; TCO Certified; TCO Certified Edge; TUV-S; VCCI; WEEE; ISC; eStandby; WW application; ICE; UAE; TGM; Ukraine certificates; NRCS; PSE; Hardware low blue light; GS
Physical security	Security lock-ready ^[11]
Management Software	HP Display Center; HP Display Manager

UPC number

196786298769

What's in the box

Monitor; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-B to A cable; Quick Setup Poster; AC power cord^[10]

Additional specifications

Additional information about HP in the countries	hp.com
Backlight lamp life	30,000 hours
Backlight type	Edge-lit
Bezel	3-sided borderless
Color gamut	99% sRGB
Country of origin	Made in China
Curvature	Flat
Datasheet photo 1	AHID/a8ec15fba2b939a69cf7e6564c969fabf1a06894
Datasheet photo 3	AHID/3b68374e2224d20d81610410644a571d34381071
Datasheet photo 4	AHID/5624c5dc1a3147a3ce2a6d7d2f9da4f5724d90ff
Datasheet photo 5	AHID/dddf0cea39608c832d53e78e2c6305fc06ad606f
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.69 x 29.64 cm
Display contrast ratio (dynamic)	8000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	150 mm
Horizontal viewing angle	178°
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Non-Operating Humidity Range	5 – 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	24.45 x 5.51 x 15.75 in
Package weight	18.55 lb
Panel bit depth	True 8 bit
Pixels per inch (ppi)	123 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.24 x 8.31 x 19.96 in

Resolution (maximum)	QHD (2560 x 1440 @ 75 Hz)
Screen treatment	Anti-glare
Tilt	-5 to +23°
UNSPSC code	43211902
USB Type-A	4 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
Usb b (hub enablement)	1 USB-B
VESA mounting	100 mm x 100 mm
Vertical viewing angle	178°
Viewable diagonal size	23.8" (60.5 cm)
pivot	±90°
swivel	±45°

[1] All 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 1.4 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.

[10] Included cables may vary by country.

[11] Lock sold separately.

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