Datasheet

HP E24 G4 FHD Monitor

Enhance your entire viewing experience

Work comfortably and stay focused with the optimized ergonomics and Full HD resolution of the HP E24 G4 FHD Monitor with HP Eye Ease that is designed around you. Make life easy for IT with remote manageability.

*Product image may differ from actual product

Total comfort begins with HP Eye Ease

Keep your eyes comfortable through the work day with HP Eye Ease, our first built-in, always-on blue light filter that presents your vivid content with zero impact on your color accuracy, no OSD required.

Personalize your view

Never lose a moment of productivity with 4-way monitor adjustability that lets you find your sweet spot, a 3-sided micro-edge, flicker-free 23.8" diagonal screen that reveals more of your work, and Full HD resolution for crisp visuals from any angle.

Sustainability in action

Responsibly made

Energy efficiency is built into every ENERGY STAR® certified, EPEAT® 2020 registered[3], and low halogen[4] display. We go one step further with 100% recyclable packaging that's easily accepted by recycling facilities.

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Featuring

Experience simple, convenient connectivity
Connect to your most frequently-used devices with HDMI, and DisplayPort™. Add up to four of your USB accessories right at the monitor with the integrated USB 3.2 hub.

Find your comfort zone
Work comfortably with adjustable tilt, height, and swivel settings. Use pivot rotation to conveniently customize portrait or landscape views on multiple monitors.[2]

Personalize and help protect your monitor
Customize your monitor and help deter its theft with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen if your monitor is disconnected without approval—all through the host PC.[6]

Complete the picture
Customize a total solution with options like the HP S101 Speaker Bar, which attaches easily to the lower bezel to add stereo audio on the monitor.[5]

We have your back
Rest assured that this monitor has been vigorously tested for compatibility across HP PCs and workstations. It's also supported by our three-year standard limited warranty. Extend your protection to cover accidents, next-business day needs, and more with optional HP Care Pack services.[7]

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Specifications

Display specifications

Display size
23.8"[1]
Display size (diagonal, metric)
60.45 cm (23.8")
Aspect ratio
16:9
Curvature
Flat
Native resolution
FHD (1920 x 1080)[1]
Resolution (maximum)
FHD (1920 x 1080 @ 60 Hz)
Resolutions supported
1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Panel type
IPS[1]
Bezel
3-sided micro-edge
Panel active area
52.7 x 29.64 cm
Panel bit depth
8 bit (6 bit + 2 FRC)
Display colors
Up to 16.7 million colors supported (through FRC technology)
Display color gamut
72% NTSC
Display scan frequency
50-60 Hz (Vertical) 30-80 KHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
250 nits[1]
Contrast ratio
1000:1 (Static) 5000000:1 (Dynamic)
Pixel pitch
0.274 mm
Pixels per inch (ppi)
93 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Display features
On-screen controls; Low blue light mode; Anti-glare
Display User Control Options
Brightness; Exit; Information; Management; Power control; Input control; Menu control; Image; Color
Management software
HP Display Center; HP Display Manager
Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H
VESA mount
100 mm x 100 mm
Height adjustment range
150 mm
Tilt
-5 to +23°
Swivel
±45°
Pivot
±90
Camera
No integrated camera
Microphone
No

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 VGA
4 SuperSpeed USB Type-A 5Gbps signaling rate
1 USB-B
HDCP
Yes, DisplayPort™ and HDMI
Power supply
Input voltage 100 to 240 VAC
(Internal)
Power consumption
51 W (maximum), 26 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black head, silver stand
Detachable stand
Yes
Physical security
Security lock-ready[2]
Dimensions without Stand (W x D x H)
21.24 x 1.85 x 12.73 in
53.94 x 4.7 x 32.33 cm
Dimensions with stand (W x D x H)
21.24 x 8.15 x 19.48 in
53.94 x 20.7 x 49.49 cm
Weight
12.54 lb (With stand.)
5.7 kg (With stand.)
Packaged Dimensions (W x D x H)
24.06 x 8.78 x 15.43 in
61.1 x 22.3 x 39.2 cm
Packaged weight
18.5 lb
8.4 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Ecolabels
ENERGY STAR® certified; EPEAT® 2020 registered[3]
Certifications
WEEE; ISC; VCCI; Vietnam MEPS; TUV-S; PSB; CEL Grade 2; NOM; SEPA; UAE; WW application; ICE; cTUVus; EAC; BSMI; CB; CCC; BIS; Australian-New Zealand MEPS; CE; CECP; CEL; KC/KCC; FCC; ISO 9241-307; ISE for Cambodia[4]
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% non-condensing

Additional information

What's in the box
Monitor; DisplayPort™ 1.2 cable; HDMI cable; USB Type-A to B cable; QSP; AC power cable; Doc-kit

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Accessories and services (not included)

HP B300 PC Mounting Bracket

Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.[1]
Product number: 2DW53AA
[1] Sold separately. See product QuickSpecs for exact device and display compatibility.

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

HP S101 Speaker Bar

Add rich stereo audio to select E-Series monitors and P-Series monitors[1] and keep a clean, clutter-free desk with the HP S101 Speaker Bar, which fits neatly underneath the display head and connects through USB.
Product number: 5UU40AA
[1] Compatible with HP E22 G5, E24 G5, E24t G5, E24q G5, E27 G5, E27q G5, E24u G5, E27u G5, E27k G5, E32k G5, E22 G4, E23 G4, E24 G4, E24q G4, E24t G4, E24i G4, E24d G4, E24u G4, E27 G4, E27d G4, E27q G4, E27u G4, P22 G4, P24 G4, P22h G4, P24h G4, P27h G4, P174 and P204v.
[2] HP includes a one-year limited warranty with online support available 24x7. Consult the HP Customer Support Center for details, or go to www.hp.com/go/orderdocuments. Internet access required and not included.

HP Integrated Work Center for Desktop Mini and Thin Client

Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display with an HP Desktop Mini, HP Thin Client or HP Chromebox and giving you convenient front access to all of its inputs.
Product number: G1V61AA
[1] IWC is compatible with displays up to 24 diagonal inches. See QuickSpecs for exact device compatibility.

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Footnotes

Messaging Footnotes

[2] Additional monitors sold separately.
[3] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[4] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[5] Sold separately.
[6] Requires Windows 10 on host PC.
[7] HP Care Packs sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] Lock sold separately.
[3] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[4] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

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