Datasheet

HP E27 G5 FHD Monitor

Redefining Focus

Intentionally crafted to deliver crisp visuals, personalized comfort, and true flexibility, the HP E27 G5 FHD 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.

*Product image may differ from actual product

See it All, Do it All

When the difference is in the details, this 27-inch diagonal FHD 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 joypad OSD button.

Sustainability in action

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].

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Featuring

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

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]

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

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]

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.

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]

Effortless Joypad OSD Button
It's never been easier to configure your displays settings right from the monitor. Simply navigate the on-screen menu with the joypad OSD button to adjust brightness, contrast, and color.

HP Display Manager
HP Display Manager makes remote management of the monitor easy. Simplify deployment, asset tracking, and remotely control your monitor settings, like turning the power off.[8]

HP Display Center
Customize your display with easy, intuitive HP Display Center software.[9]

3-Sided Micro-Edge Bezel
See and do more on your screen with a 3-sided micro-edge bezel that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Materials that Matter
This monitor's enclosure consists of 90% recycled and renewable material.[4]

Mindful Metals
At HP, we don't stop when it comes to protecting our shared future. That's why this monitor was engineered to contain 25% recycled metals.[10]

Thoughtful Product Packaging
HP is committed to reducing plastic in landfills by using 100% recyclable packaging that meets recycling requirements, so it can stay out of the landfill when customers are finished with it.[11,12]

Increased Energy Efficiency
Reaching highest energy-saving standards with an ENERGY STAR® rating and EPEAT® Registration.[13,14]

Customizable Matching Accessories
Customize your desk to fit your work needs with the matching accessory ecosystem.[15]

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Specifications

Display specifications

Display size
27"
Display size (diagonal, metric)
68.6 cm (27")
Aspect ratio
16:9[1]
Curvature
Flat
Native resolution
FHD (1920 x 1080)[1,2]
Resolution (maximum)
FHD (1920 x 1080 @ 75 Hz)
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; 1680 x 1050; 1920 x 1080
Panel type
IPS
Bezel
3-sided borderless
Panel active area
59.79 x 33.63 cm
Panel bit depth
8 bit (6 bit + FRC)
Display colors
Up to 16.7 million colors supported[3]
Display color gamut
99% sRGB
Refresh rate (maximum)
75 Hz
Display scan frequency
50-75 Hz (Vertical) 30-85 KHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
300 nits[1]
Contrast ratio
1000:1 (Static)[1] 8000000:1 (Dynamic)[1]
Pixel pitch
0.31 x 0.31 mm
Pixels per inch (ppi)
82 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Backlight lamp life
30,000 hours
Display features
On-screen controls; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease
Display User Control Options
Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Management software
HP Display Center; HP Display Manager[13]
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 +20°
Swivel
±45°
Pivot
±90°
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
4 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
1 USB-B
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
50 W (maximum), 30 W (typical), 0.5 W (standby) 0.5 W (standby)
Standby mode power demand
0.5 W (standby)

Logistics and Physical

Product color
Black head, black and silver stand
Detachable stand
Yes
Physical security
Security lock-ready[12]
Dimensions without Stand (W x D x H)
61.17 x 4.64 x 36.33 cm (without hinge); 61.17 x 7.45 x 36.33 cm (with hinge)
Dimensions with stand (W x D x H)
61.2 x 22.7 x 54.6 cm
Weight
6.96 kg (with stand)
Packaged Dimensions (W x D x H)
69.9 x 16 x 44.6 cm
Packaged weight
10.88 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified D
Ecolabels
EPEAT® registered; TCO Certified[4]
Environmental 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[5,6,7,8,9,10]
Certifications
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ISO 9241-307; KC/KCC; Korea MEPS (E-standby); NOM; PSB; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; ICE; UAE; TGM; Ukraine certificates; NRCS; PSE; Hardware low blue light; GS; CEL Grade 2[14]
Microsoft WHQL certification
Windows 11; Windows 10
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH

Additional information

Manufacturer Warranty
3 years limited warranty
What's in the box
Monitor; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-B to A cable; Quick Setup Poster; AC power cord[11]
Country of origin
Made in China

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Accessories and services (not included)

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.

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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.
[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.
[8] HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.
[9] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[10] 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.
[11] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.
[12] Recycling facilities not available in all locations.
[13] HP Sustainability Report 2020 and HP Displays Sustainability Story 2021.
[14] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[15] Extended ecosystem sold separately. Includes B560 PC Mounting Bracket, Quick Release Single Arm, and S101 Speaker Bar.

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] 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 1920 x 1080 at 60 Hz with 8-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the preferred mode.
[3] Number of colors through A-FRC technology.
[4] EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[5] External power supplies, WWAN modules, power cords, cables, and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[6] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[7] All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.
[8] 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.
[9] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[10] Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
[11] Included cables may vary by country.
[12] Lock sold separately.
[13] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
[14] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

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