Datasheet

HP Z24f G3 FHD Display

Exquisitely crafted for every detail

Meticulously crafted to surpass every design standard, the HP Z24f G3 FHD Display is composed of authentic aluminum and delivers an impressive, frameless viewing experience. Bring your ideas to life with remarkable color accuracy in precise Full HD resolution. Refine your work experience and transform your PC into a powerhouse with this 23.8-inch diagonal screen monitor.



*Product image may differ from actual product

Universally consistent colors

Out of the box, you get remarkable color accuracy from screen to screen[1]. Achieve precise, vibrant detail with 99% sRBG color gamut and Full HD resolution.

Design pushed to the edge

This stunning 23.8" (60.45 cm) diagonal screen monitor is meticulously crafted with a razor thin profile and frameless design. Get ultimate comfort with 4-way ergonomic adjustability.

Always on low blue light

Experience exceptional vibrancy with HP Eye Ease, the always on low blue light filter that reduces blue light exposure with zero impact to true color accuracy.

Sustainability in action

Responsibly reimagined

Make a conscious choice with this monitor that's been built with the environment in mind. Its plastics consist of over 80% recycled materials[2] plus it has 100% sustainably sourced and recyclable packaging[3]. It is ENERGY STAR® certified and EPEAT® 2020 registered[4].

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Featuring







Easily connect multiple monitors
Declutter your desk and connect a series of displays by daisy chaining with a single DisplayPort™ cable.[5]

All the ports you need
Connect to a Workstation, a PC and additional displays.

Easily mount a Mini
Mount your HPZ2 Mini or HP Desktop Mini directly to the monitor for a clean workspace.[6]

HP Zero BrightDot Guarantee
Even if just a third of a pixel fails or is stuck in one position, HP will replace the entire display.[7]

Optional integrated audio
Easily attach the Z Display Conferencing Speaker Bar for stereo quality audio and dual microphones.[8]

3-year limited warranty
The assurance of HP's three-year standard limited warranty.

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Specifications

Display specifications

Display size (diagonal, metric)
60.45 cm (23.8")
Aspect ratio
16:9[1]
Curvature
Flat
Native resolution
FHD (1920 x 1080)[1]
Resolution (maximum)
FHD (1920 x 1080 @ 60 Hz)
Resolutions supported
640 x 480; 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[1]
Bezel
4-sided micro-edge
Panel active area
52.7 x 29.6 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
99% sRGB; 85% DCI-P3
Display scan frequency
50-60 Hz (Vertical) 30-75 KHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
300 nits[1]
Contrast ratio
1000:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.274 mm
Pixels per inch (ppi)
93 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Display features
Language selection; On-screen controls; Pivot rotation; Anti-glare; Height adjustable
Display User Control Options
Exit; Information; Management; Power control; Input control; Menu control; Brightness+; 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 (bracket included)
Height adjustment range
150 mm
Tilt
-5 to +20°
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 DisplayPort™ 1.2-out
4 SuperSpeed USB Type-A 5Gbps signaling rate
1 USB-B
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
58 W (maximum), 26 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Turbo Silver
Detachable stand
Yes
Physical security
Security lock-ready[2]
Dimensions without Stand (W x D x H)
53.84 x 3.85 x 31.37 cm
Dimensions with stand (W x D x H)
53.84 x 19.5 x 48.93 cm
Weight
4.7 kg (With stand.)
Packaged Dimensions (W x D x H)
62.5 x 37.3 x 14.2 cm
Packaged weight
7.2 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified D
Environmental specifications
Low halogen
Certifications
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; CEL Grade 1; cTUVus; EAC; ErP; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; Ukraine Energy label; WW application; UAE[5]
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% non-condensing

Additional information

Manufacturer Warranty
3 year limited warranty including 3 year of parts and labour. Certain restrictions and exclusions apply.
What's in the box
Monitor; Documentation; VESA Mount adapter; USB Type-A to B cable; Cable manager; AC power cord; DisplayPort™ 1.4 cable[4]

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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 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[1] with an HP Desktop Mini, HP Thin Client or HP Chromebox[1] and giving you convenient front access to all of its inputs.
Product number: G1V61AA
[1] Not all 24-inch monitors supported please refer list of compatible monitors.
[2] IWC is compatible with displays up to 24 diagonal inches. See QuickSpecs for exact device compatibility.

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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] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
[3] 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.
[4] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[5] Requires an additional DisplayPort™ cable to daisy chain.
[6] Z2 Mini and Desktop mini and B550 Z Display G3 PC Mounting Bracket sold separately.
[7] The HP Pixel Policy allows no bright sub-pixel defects for this display. For complete details, see http://support.hp.com/us-en/document/c00288895.
[8] Z Display Conferencing Speaker Bar Sold Separately.

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] Included cables may vary by country.
[5] Monitors produced before June 1st 2024 comply with China regulation GB 21520-2015.

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