

HP Z24f G3 FHD Display (3G828AA)



Overview

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.

Universally consistent colors

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

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.

Design pushed to the edge

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

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].

Features

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.

[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.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) ^[1]
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
Pixel pitch	0.274 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)	53.84 x 3.85 x 31.37 cm (Without stand.)
Minimum dimensions (W x D x H)	21.2 x 1.52 x 12.35 in (Without stand.)
Dimensions With Stand (W x D x H)	53.84 x 19.5 x 48.93 cm
Weight	4.7 kg (With stand.)
Weight	10.4 lb (With stand.)
Display features	Language selection; On-screen controls; Pivot rotation; Anti-glare; Height adjustable
Display Input Type	1 DisplayPort™ 1.2-out; 1 HDMI 1.4; 4 USB-A 3.2 Gen 1; 1 DisplayPort™ 1.2-in
Onscreen controls	Exit; Information; Management; Power control; Input control; Menu control; Brightness+; Image; Color
Display scan frequency (horizontal)	30-75 KHz
Display scan frequency (vertical)	50-60 Hz
Webcam	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	58 W (maximum), 26 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Sustainable impact specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights; TCO Certified; TCO Certified Edge

Certifications and compliances

Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TCO Certified Edge; TUV-S; VCCI; Vietnam MEPS; WEEE; Low blue light; Ukraine Energy label; WW application; UAE

Physical security

Security lock-ready^[2]

UPC number

(A2K) 195122290863; (A2N) 195122290887; (AB0) 195122290894; (AB1) 195122290900; (AB2) 195122290917; (AB4) 195122290924; (ABA) 195122290931; (ABB) 195122290948; (ABG) 195122290955; (ABT) 195122290962; (ABU) 195122290979; (ABV) 195122290986; (ABY) 195122290993; (ACJ) 195122291006; (ACQ) 195122291013; (AKL) 195122291037; (AR6) 195122291044; (UUF) 195122291051; (UUZ) 195122291068

What's in the box

Monitor; DisplayPort™ cable; USB cable; AC power cable^[4]

Additional specifications

Backlight type	Edge-lit
Bezel	4-sided micro-edge
Curvature	Flat
Detachable stand	Yes
Display area (imperial)	20.75 x 11.65 in
Display area (metric)	52.7 x 29.6 cm
Display contrast ratio (dynamic)	10000000:1
Displayport™	1 DisplayPort™ 1.2
Displayport™ out	1 DisplayPort™ 1.2-out
Ethernet	No
Flicker-free	Yes
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	150 mm
Horizontal viewing angle	178°
Integrated privacy filter	No
Low blue light modes	Yes (TÜV certified)
Microphone	No
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	24.61 x 14.69 x 5.59 in
Package dimensions (W x D x H)	62.5 x 37.3 x 14.2 cm
Package weight	15.6 lb
Package weight	7.2 kg
Panel bit depth	8 bit (6 bit + FRC)
Pixels per inch (ppi)	93 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.2 x 7.68 x 19.26 in
Resolution (maximum)	FHD (1920 x 1080 @ 60 Hz)
Screen treatment	Anti-glare
Speakers	No
Storage temperature range	5 to 95%
Tilt	-5 to +20°
Touch-enabled	Not touch-enabled

UNSPSC code	43211902
Usb a	4 SuperSpeed USB Type-A 5Gbps signaling rate
Usb b (hub enablement)	1 USB-B
VESA mounting	100 mm x 100 mm (bracket included)
Vertical viewing angle	178°
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] Lock sold separately.

[4] Included cables may vary by country.

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

HP B550 PC Mounting Bracket

16U00AA

HP Single Monitor Arm

BT861AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit

3XJ17AA

Cabinets and Stands

Monitor Stands

HP Integrated Work Center for Desktop Mini and Thin Client

G1V61AA

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