

ProductSheet
HP Z24f G3 FHD Display (3G828AA)



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.

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.

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.

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]

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.)
Dimensions With Stand (W x D x H)	53.84 x 19.5 x 48.93 cm
Weight	4.7 kg (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 colors	Up to 16.7 million colors supported (through FRC technology)
Display scan frequency (horizontal)	30-75 KHz
Display scan frequency (vertical)	50-60 Hz
Camera	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	Low halogen
Certifications and compliances	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]
Ecolabels	EPEAT® Gold
Physical security	Security lock-ready ^[2]
Management Software	HP Display Center; HP Display Manager
UPC number	195122290931
Manufacturer Warranty	3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. 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]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

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

[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.

[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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