



# HP Z27u G3 QHD Display (1B9X2AA)



## Overview

### Exquisitely crafted for every detail

Meticulously crafted to surpass every design standard, the HP Z27u G3 QHD USB-C® Display is composed of authentic aluminum and delivers an impressive, frameless viewing experience. Bring your ideas to life with remarkable color accuracy in precise Quad HD resolution. Refine your work experience and transform your PC into a powerhouse with this 27 inch diagonal screen monitor with USB-C 100W Power Delivery.

### 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 Quad 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

Meticulously crafted with a razor-thin profile and frameless design, this stunning 27-inch diagonal screen monitor effortlessly powers your PC or Mac®. 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.<sup>[5]</sup>

## 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.<sup>[6]</sup>

## 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.<sup>[7]</sup>

## Optional integrated audio

Easily attach the Z Display Conferencing Speaker Bar for stereo quality audio and dual microphones.<sup>[8]</sup>

## 3-year limited warranty

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

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*[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](http://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

<b>Display size (diagonal)</b>	27"
<b>Panel technology</b>	IPS
<b>Display size (diagonal)</b>	68.6 cm (27")
<b>Aspect ratio</b>	16:9 <sup>[1]</sup>
<b>Native resolution</b>	QHD (2560 x 1440) <sup>[1]</sup>
<b>Resolutions supported</b>	1280 x 1024; 1280 x 720; 1440 x 900; 1600 x 1200; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 640 x 480; 800 x 600
<b>Pixel pitch</b>	0.233 mm
<b>Brightness</b>	350 nits <sup>[1]</sup>
<b>Contrast ratio</b>	1000:1 <sup>[1]</sup>
<b>Response time (typical)</b>	5ms GtG (with overdrive) <sup>[1]</sup>
<b>Minimum dimensions (W x D x H)</b>	61.23 x 3.89 x 35.61 cm (Without stand.)
<b>Minimum dimensions (W x D x H)</b>	24.11 x 1.53 x 14.02 in (Without stand.)
<b>Dimensions With Stand (W x D x H)</b>	61.23 x 20.5 x 53.04 cm
<b>Weight</b>	6.2 kg (With stand.)
<b>Weight</b>	13.7 lb (With stand.)
<b>Display features</b>	Language selection; On-screen controls; Pivot rotation; Anti-glare; Height adjustable
<b>Display Input Type</b>	1 HDMI 2.0; 1 USB Type-C™ (DisplayPort™ 1.4, power delivery up to 100 W); 4 USB-A 3.2 Gen 1; 1 DisplayPort™ 1.4-in; 1 DisplayPort™ 1.4-out
<b>Onscreen controls</b>	Exit; Information; Management; Power control; Input control; Menu control; Brightness+; Image; Color
<b>Display scan frequency (horizontal)</b>	30-80 KHz
<b>Display scan frequency (vertical)</b>	50-60 Hz
<b>Ports</b>	1 RJ-45
<b>Webcam</b>	No integrated camera
<b>Power</b>	100 - 240 VAC 50/60 Hz
<b>Power consumption</b>	160 W (maximum), 39 W (typical), 0.5 W (standby)
<b>Operating temperature range</b>	5 to 35°C
<b>Operating humidity range</b>	20 to 80% non-condensing

<b>Sustainable impact specifications</b>	Arsenic-free display glass; Low halogen; Mercury-free display backlights; TCO Certified; TCO Certified Edge
<b>Certifications and compliances</b>	BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; ErP; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TCO Certified Edge; TUV-S; VCCI; WEEE; ISC; Low blue light; Ukraine Energy label; WW application; UAE
<b>Physical security</b>	Security lock-ready <sup>[2]</sup>
<b>Management software</b>	HP Display Center
<b>UPC number</b>	(A2K) 195122249168; (A2N) 195122249175; (AB0) 195122249182; (AB1) 195122251710; (AB2) 195122252489; (AB4) 195122252472; (ABA) 195122252465; (ABB) 195122252458; (ABG) 195122252441; (ABT) 195122252434; (ABU) 195122252427; (ABV) 195122252410; (ABY) 195122252403; (ACJ) 195122252397; (ACQ) 195122252380; (AKL) 195122252335; (AR6) 195122252342; (UUF) 195122252366; (UUZ) 195122254377
<b>What's in the box</b>	Monitor; Documentation; VESA Mount adapter; Cable manager; 1 USB Type-C® to Type-C cable; AC power cord; DisplayPort™ 1.4 cable <sup>[4]</sup>

## Additional specifications

<b>Backlight type</b>	Edge-lit
<b>Bezel</b>	4-sided micro-edge
<b>Card reader</b>	No
<b>Curvature</b>	Flat
<b>Detachable stand</b>	Yes
<b>Display area (imperial)</b>	23.49 x 13.22 in
<b>Display area (metric)</b>	59.67 x 33.57 cm
<b>Display contrast ratio (dynamic)</b>	10000000:1
<b>Displayport™</b>	1 DisplayPort™ 1.4
<b>Displayport™ out</b>	1 DisplayPort™ 1.4-out
<b>Ethernet</b>	Yes
<b>Flicker-free</b>	Yes
<b>HDMI</b>	1 HDMI 2.0
<b>Hardness</b>	3H
<b>Height adjustment range</b>	150 mm
<b>Horizontal viewing angle</b>	178°
<b>Integrated privacy filter</b>	No
<b>Low blue light modes</b>	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
<b>Microphone</b>	No
<b>Non-Operating Humidity Range</b>	5 to 95%
<b>Operating temperature range</b>	41 to 95°F
<b>Package dimensions (W x D x H)</b>	69.8 x 42.3 x 16.3 cm
<b>Package dimensions (W x D x H)</b>	27.48 x 16.65 x 6.42 in
<b>Package weight</b>	9.4 kg
<b>Package weight</b>	20.7 lb
<b>Panel bit depth</b>	8 bit (6 bit + FRC)
<b>Pixels per inch (ppi)</b>	109 ppi
<b>Power supply type</b>	Internal
<b>Product dimensions with stand (W x D x H)</b>	24.11 x 8.07 x 20.88 in
<b>Resolution (maximum)</b>	QHD (2560 x 1440 @ 60 Hz)
<b>Screen treatment</b>	Anti-glare
<b>Speakers</b>	No
<b>Tilt</b>	-5 to +20°

<b>Touch-enabled</b>	Not touch-enabled
<b>UNSPSC code</b>	43211902
<b>USB Type-C® video input</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery up to 100W, Alt Mode DisplayPort™ 1.4)
<b>Usb a</b>	4 SuperSpeed USB Type-A 5Gbps signaling rate
<b>VESA mounting</b>	100 mm x 100 mm (bracket included)
<b>Vertical viewing angle</b>	178°
<b>pivot</b>	±90
<b>swivel</b>	±45°

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*[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.*

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## 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
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