

# HP Z27q G3 QHD Display

## Exquisitely crafted for every detail

Meticulously crafted to surpass every design standard, the HP Z27q G3 QHD 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.



\*Product image may differ from actual product

### Universally consistent colors

Out of the box, you get remarkable color accuracy from screen to screen<sup>1</sup>. Achieve precise, vibrant detail with 99% sRGB color gamut and Quad HD resolution.

### Design pushed to the edge

This stunning 27-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.

## Sustainability in action

### Responsibly reimaged

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



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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.<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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## Specifications

### Display specifications

**Display size**  
27"<sup>1</sup>

**Display size (diagonal, metric)**  
68.6 cm (27")

**Aspect ratio**  
16:9<sup>1</sup>

**Curvature**  
Flat

**Native resolution**  
QHD (2560 x 1440)<sup>1</sup>

**Resolution (maximum)**  
QHD (2560 x 1440 @ 60 Hz)

**Resolutions supported**  
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1440 x 900; 1600 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440

**Panel type**  
IPS<sup>1</sup>

**Bezel**  
4-sided micro-edge

**Panel active area**  
59.67 x 33.57 cm

**Panel bit depth**  
8 bit

**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) 30-90 KHz (Horizontal)

**Response time**  
5ms GtG (with overdrive)<sup>1</sup>

**Brightness**  
350 nits<sup>1</sup>

**Contrast ratio**  
1000:1 (Static)<sup>1</sup> 10000000:1 (Dynamic)<sup>1</sup>

**Pixel pitch**  
0.233 mm

**Pixels per inch (ppi)**  
109 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

**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 2.0  
1 DisplayPort™ 1.4  
1 DisplayPort™ 1.4-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**  
69 W (maximum), 35 W (typical), 0.5 W (standby)

### Logistics and Physical

**Product color**  
Silver head, silver stand

**Detachable stand**  
Yes

**Physical security**  
Security lock-ready<sup>2</sup>

**Dimensions without Stand (W x D x H)**  
61.23 x 3.89 x 35.61 cm

**Dimensions with stand (W x D x H)**  
61.23 x 20.5 x 53.04 cm

**Weight**  
5.8 kg (With stand.)

**Packaged Dimensions (W x D x H)**  
69.8 x 42.3 x 16.3 cm

**Packaged weight**  
9.1 kg

### Certification and compliance

**Energy efficiency**  
ENERGY STAR® certified

**Environmental specifications**  
Low halogen

**Certifications**  
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; WEEE; ISC; Low blue light; Ukraine Energy label; WW application; UAE<sup>5</sup>

**Operating temperature range**  
41 to 95°F

### Additional information

**Manufacturer Warranty**  
HP three-year limited warranty

**What's in the box**  
Monitor; DisplayPort™ cable; USB Type-A to B cable; AC power cord<sup>4</sup>



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## Accessories and services (not included)

### HP B550 PC Mounting Bracket



Customize an altogether better solution with the HP PC B550 Mounting Bracket, which lets you attach your Z Mini Workstation directly behind select HP Z displays<sup>1</sup>/Series 7 Pro monitors<sup>2</sup>.

**Product number: 16U00AA**

<sup>1</sup> Compatible with the following Z displays: Z24f G3, Z24n G3, Z24u G3, Z27q G3, Z27u G3, Z27k G3.

<sup>2</sup> Compatible with the following HP Series 7 Pro monitors: 724pu, 724pn, 724pf, 732pk.

### 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 with an HP Desktop Mini, HP Thin Client or HP Chromebox and giving you convenient front access to all of its inputs.

**Product number: G1V61AA**

<sup>1</sup> IWC is compatible with displays up to 24 diagonal inches. See QuickSpecs for exact device compatibility.

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## Footnotes

### Messaging Footnotes

<sup>1</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>2</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> Requires an additional DisplayPort™ cable to daisy chain.

<sup>6</sup> Z2 Mini and Desktop mini and B550 Z Display G3 PC Mounting Bracket sold separately.

<sup>7</sup> 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>.

<sup>8</sup> Z Display Conferencing Speaker Bar Sold Separately.

### Technical Specifications Footnotes

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>2</sup> Lock sold separately.

<sup>3</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

<sup>4</sup> Included cables may vary by country.

<sup>5</sup> Monitors produced before June 1st 2024 comply with China regulation GB 21520-2015.

