

## Datasheet

# HP Z24nf G2 60.45 cm (23.8") Display



## Color consistency and performance for the project perfectionist

Be a productive powerhouse with the sleek HP Z24nf G2 60.45 cm (23.8") Display. This virtually seamless Full HD display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen tiling, and expansive device connections.



### Streamline productivity with screens for every project

- Multi-task without disruptions across multiple displays<sup>1</sup> with a 3-sided micro-edge bezel on each screen. Get stunning visuals from the 1920 x 1080 resolution<sup>2</sup>, 16:9 aspect ratio, 60.45 cm (23.8") diagonal IPS screen and over 2 million pixels.

### Out-of-this-world color right out of the box

- Consistent, accurate color between displays and from project to project is easier than ever with factory color calibration from the very first time you power on.

### Quality from the start

- We rigorously test each HP Z Display to help ensure it's a reliable, long-life visual solution, and back it up with the HP Zero Bright Dot Guarantee<sup>3</sup>, HP's most stringent pixel policy, which replaces the screen if even one bright sub-pixel fails.<sup>4</sup>

### Big ideas for small spaces

- Make the most of your available workspace by mounting powerful machines like the HP Z2 Mini Workstation<sup>5</sup> directly behind the display for a compact, efficient, single-footprint solution.

### Featuring

- Connect easily with ports that include a two-port USB 3.0 hub and VGA, HDMI, and DisplayPort™ connections tested for use with legacy, current, and future HP Workstations.
- Work comfortably with adjustable tilt, height, and swivel settings. Use pivot rotation to conveniently customize portrait or landscape views on multiple displays.<sup>6</sup>
- Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by dimming a display that's disconnected without approval.
- Reduce power consumption and help lower costs with an intelligent, energy-efficient, low-halogen display that is ENERGY STAR® certified, TCO qualified, and EPEAT® Gold registered with mercury-free display backlights and arsenic-free display glass.<sup>7,8</sup>
- Build a complete solution with optional HP accessories designed and tested to work with your display.<sup>9</sup>

# HP Z24nf G2 60.45 cm (23.8") Display Specifications Table



<b>Product Color</b>	Black
<b>Display size (diagonal)</b>	60.45 cm (23.8")
<b>Display Type</b>	IPS w/LED backlight
<b>Panel Active Area</b>	52.7 x 29.64 cm;
<b>Viewing Angle</b>	178° horizontal; 178° vertical
<b>Brightness</b>	250 cd/m <sup>2</sup> <sup>1</sup>
<b>Contrast Ratio</b>	1000:1 static; 10000000:1 dynamic <sup>1</sup>
<b>Response Ratio</b>	5 ms gray to gray <sup>1,3</sup>
<b>Aspect Ratio</b>	16:9
<b>Native Resolution</b>	FHD (1920 x 1080 @ 60 Hz)
<b>Resolutions Supported</b>	1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 1024; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 480; 640 x 480
<b>Display Features</b>	Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; Low Haze
<b>User Controls</b>	Brightness; Contrast; Color Control; Input Control; Image Control; Power; Menu; Management; Language; Information; Exit; OK
<b>Input signal</b>	1 VGA; 1 HDMI 1.4; 1 DisplayPort™ 1.2 with HDCP support on DisplayPort™ and HDMI
<b>Ports and Connectors</b>	3 USB 3.0 (one upstream, two downstream) <sup>1</sup>
<b>Input power</b>	Input voltage: 100 to 240 VAC
<b>Power consumption</b>	Energy Efficiency Class: A; Panel Active Area: 52.7 x 29.64 cm; On-mode power consumption: 23 W; Annual energy consumption: 34 kWh; Power consumption (standby): 0.5 W; Power consumption (off-mode): 0.5 W; Power consumption Description: 35 W (maximum), 19 W (typical), 0.5 W (standby); Screen resolution: FHD (1920 x 1080 @ 60 Hz)
<b>Dimensions with Stand (W x D x H)</b>	53.88 x 20.5 x 46.3 cm
<b>Dimensions without Stand (W x D x H)</b>	53.88 x 4.38 x 32.19 cm
<b>Weight</b>	5.6 kg (With stand)
<b>Ergonomic features</b>	Tilt: -5 to +22° ; Swivel: ± 45° ; Pivot rotation: 90° ; Height: 150 mm
<b>Certification and Compliance</b>	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; cTUVus; CU; ErP; E-standby; FCC; ICES; ISC; ISO 9241-307; KC; Mexico CoC; Microsoft WHQL Certification (Windows 10); MSIP; PSB; RCM; SEPA; SmartWay Transport Partnership - NA only; TUV-S; VCCI; Vietnam MEPS; WEEE
<b>Environmental</b>	Arsenic-free display glass; Mercury-free display backlights; Low halogen
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified; EPEAT® Gold
<b>What's in the box</b>	Monitor; AC power cord; USB cable (Type A male to Type B male); DisplayPort™ 1.2 cable; CD (includes User Guide, warranty, drivers); HP Display Assistant
<b>Warranty</b>	5 years Next Business Day Onsite Support. HP support includes HP 3-year limited warranty plus a 5-year HP Onsite Care Pack support, as of date of purchase of the hardware product. Onsite support is offered if the problem cannot be handled over the phone. Delivery of support services outside of the applicable HP coverage areas may be subject to longer response times.

## HP Z24nf G2 60.45 cm (23.8") Display

### Accessories and services (not included)

---

#### **HP B300 PC Mounting Bracket**



Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.<sup>1</sup>

**Product number: 2DW53AA**

---

## HP Z24nf G2 60.45 cm (23.8") Display

### Messaging Footnotes

<sup>1</sup> Additional displays required and sold separately.

<sup>2</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>3</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>5</sup> Workstation sold separately. Requires HP B500 PC Mounting Bracket for Monitors, sold separately.

<sup>6</sup> Each sold separately.

<sup>7</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>8</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status in your country.

### Technical specifications disclaimers

<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> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>3</sup> Product default is 14.0ms response time and can be adjusted to as low as 5.4ms in the display menu. See user guide for more information.

### Sign up for updates

[www.hp.com/go/getupdated](http://www.hp.com/go/getupdated)

---

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. See HP's 3rd party option store for solar energy accessory at [www.hp.com/go/options](http://www.hp.com/go/options) ENERGY STAR® and the ENERGY STAR® mark are registered trademarks of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

