

Datasheet

HP Z24n G2 60.96 cm (24") Display



Color consistency and performance for the project perfectionist

Be a productive powerhouse with the sleek WUXGA HP Z24n G2 60.96 cm (24") Display. This virtually seamless display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen tiling, and expansive device connections, including USB-C™.



Multi-screen productivity with no disruptions

- Streamline multi-tasking on multiple displays¹ with a 3-sided micro-edge bezel, and daisy chain up to 3 displays per workstation with DisplayPort™. Get stunning visuals from 1920 x 1200 resolution², 16:10 aspect ratio, and over 3 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 Guarantee³, HP's most stringent pixel policy, which replaces the screen if even one bright sub-pixel fails.⁴

Future-ready connectivity

- Keep it clean with a single USB-C™ cable video and data connection that's ready for future generations of HP Workstations. VGA, HDMI, and DisplayPort™ are multi-generation compatible, and a three-port USB 3.0 hub supports convenient device connectivity.

Featuring

- Make the most of your available workspace by mounting powerful machines like the HP Z2 Mini Workstation directly behind the display for a compact, efficient, single-footprint solution.⁵
- Work comfortably with customizable tilt, swivel and up to 150 mm height adjustment. Simplify your workflow with automatic content rotation between portrait and landscape modes.⁶
- 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.^{7,8}
- Build a complete solution with optional HP accessories designed and tested to work with your display.⁹

HP Z24n G2 60.96 cm (24") Display Specifications Table



Product Number	1J509A4; 1J509AT
Product Color	Black
Display size (diagonal)	60.96 cm (24")
Display Type	IPS w/LED backlight
Panel Active Area	51.84 x 32.4 cm;
Viewing Angle	178° horizontal; 178° vertical
Brightness	300 cd/m ²
Contrast Ratio	1000:1 static; 10000000:1 dynamic ¹
Response Ratio	5 ms gray to gray ^{1,3}
Aspect Ratio	16:10
Native Resolution	WUXGA (1920 x 1200 @ 60 Hz)
Resolutions Supported	1920 x 1200; 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
Display Features	Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; Low Haze
User Controls	Brightness; Contrast; Color Control; Input Control; Image Control; Power; Menu; Management; Language; Information; Exit; OK
Input signal	1 DVI-D; 1 HDMI 1.4; 1 DisplayPort™ 1.2 with HDCP support on DisplayPort™ and HDMI
Ports and Connectors	1 analog audio output; 3 USB 3.0 (downstream); 1 USB 3.1 Type-C™ (side, downstream, power delivery up to 10 W); 1 USB 3.1 Type-C™ (rear, downstream and upstream, power delivery up to 15 W) ¹
Input power	Input voltage: 100 to 240 VAC
Power consumption	Panel Active Area: 51.84 x 32.4 cm; On-mode power consumption: 36 W; Annual energy consumption: 53 kWh; Power consumption (standby): 0.5 W; Power consumption (off-mode): 0.3 W; Power consumption Description: 92 W (maximum), 40 W (typical), 0.5 W (standby); Screen resolution: WUXGA (1920 x 1200 @ 60 Hz)
Dimensions with Stand (W x D x H)	53.2 x 21.4 x 50.3 cm
Dimensions without Stand (W x D x H)	53.2 x 4.68 x 35.1 cm
Weight	7.2 kg (With stand)
Ergonomic features	Tilt: -5 to +22°; Swivel: ±45°; Pivot rotation: 90°; Height: 150 mm
Certification and Compliance	BSMI; CB; CCC; CE; CEL; cTUVus; CU; ErP; FCC; ICES; ISC; ISO 9241-307; Mexico CoC; Microsoft WHQL Certification (Windows 10 and Windows 7); MSIP; RCM; SmartWay Transport Partnership - NA only; VCCI; WEEE
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen ²
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold
What's in the box	Monitor; AC power cord; USB Type-C™ to A cable; DisplayPort™ 1.2 cable; CD (includes User Guide, warranty, drivers); HP Display Assistant; VESA mount adapter
Warranty	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.

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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.¹

Product number: 2DW53AA

HP S100 Speaker Bar



Add rich stereo audio to select 2017 and 2018 HP ProDisplays, HP EliteDisplays, and HP Z Displays¹ without crowding your desk with the HP S100 Speaker Bar, which fits neatly underneath the display head and connects through USB.

Product number: 2LC49AA

HP Single Monitor Arm



The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work.

Product number: BT861AA

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 display¹ with an HP Desktop Mini, HP Thin Client or HP Chromebox¹ and giving you convenient front access to all of its inputs.

Product number: G1V61AA

HP Business PC Security Lock v2 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.

Product number: N3R93AA

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Messaging Footnotes

¹ Additional displays required and sold separately.

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

³ 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>.

⁵ Workstation sold separately. Requires HP B300 PC Mounting Bracket for Monitors, sold separately.

⁶ For optimal use, pair with HP Display Assistant and a device running a Windows operating system. See user guide for exact instructions.

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

⁸ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status in your country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.

⁹ Each sold separately.

Technical specifications disclaimers

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³ 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.

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