

HyperX OMEN 23.8 inch FHD 180Hz Gaming Monitor - OMEN 24 G2 (C2JP4AA)



Level-Up Your Screen Time

Level up with the HyperX OMEN 24 G2. This 23.8-inch 180 Hz FHD gaming monitor delivers smooth, factory color calibrated visuals at 1ms response times in a compact design that fits any setup. Perfect for players looking to jump into the world of gaming monitors with speed, clarity, and reliability.

Smooth Scenes All Day

With a snappy 180 Hz refresh rate and 1ms response time, the HyperX OMEN 24 G2 creates smooth visuals for both gaming and media. AMD Freesync Technology also keeps your monitor and GPU in sync to minimize screen tearing and stuttering, keeping you immersed when every frame counts.[1,2,3]

Easy On The Eyes

Lock in with the vibrant tones of a Factory Color Calibrated gaming monitor. With sRGB 99%, the HyperX OMEN 24 G2 produces crisp visuals with vivid detail. Plus, experience reduced eye strain from long sessions with this Eyesafe certified gaming monitor.[2]

Even Better With OMEN Gaming Hub

The HyperX OMEN 24 G2 is even better with OMEN Gaming Hub. The simple-to-use software makes it easy to fine-tune the monitor's settings and you can even create game-specific profiles providing you the right mood for the right moment.[4]

Featuring

FHD 23.8" Display

Focus on the finer details and enjoy clear images with a 1920 x 1080 Full HD resolution 23.8" diagonal monitor. [1]

IPS Panel

No matter where you stand, IPS panel delivers clear, vivid images with 178-degree wide-viewing angles, so everyone can get a great view.

180 Hz Refresh Rate

For crisp action and responsive gameplay, this fast refresh rate practically removes all artifacting and motion blurring. [2]

1ms GTG Response Time with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms GTG response time with Overdrive ensures even the most action-packed moments are fluid, crisp, and free of motion blur. [2]

AMD FreeSync™ Technology

Every gamer deserves perfectly smooth gameplay and peak performance. Game confidently with a high refresh rate, low framerate compensation, and low latency. AMD FreeSync™ certified monitors are here. [3]

Specifications

Color	Black
Display Size (diagonal)	23.8"
Panel Technology	IPS; LED
Display Size (diagonal, metric)	60.5 cm (23.8")
Aspect Ratio	16:9 ^[1]
Native Resolution	FHD (1920 x 1080) ^[1,2]
Resolutions Supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1920 x 1080 @ 120 Hz; 1280 x 1024 @ 75 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 180 Hz
Pixel Pitch	0.2745 x 0.2745 mm ^[1]
Brightness (typical)	300 nits ^[1]
Display Contrast Ratio (Static)	1000:1 ^[1]
Response Time (Typical)	1ms GtG (with overdrive) ^[1]
Product Dimensions (metric)	54 x 5.41 x 32.5 cm (without stand)
Product Dimensions (imperial)	21.26 x 2.13 x 12.8 in (without stand)
Product Dimensions (with stand metric)	54 x 19.83 x 46.92 cm
Weight (metric)	3.4 kg (without stand); 5.3 kg (with stand)
Weight (imperial)	7.5 lb (without stand); 11.68 lb (with stand)
Onscreen Controls	Color; Image; Input; Power; Menu; Management; Information; Exit; Gaming
Display Colors	Up to 16.7 million colors supported ^[1]
Display Scan Frequency (horizontal)	30-213 kHz ^[1]
Display Scan Frequency (vertical)	48-180 Hz ^[1]
Camera	No integrated camera
Power Supply Required	100 - 240 VAC 50/60 Hz
Power Consumption Description	23 W (maximum); 17 W (typical) ^[6]
Operating Temperature Range (celsius)	5 to 35°C
Operating Humidity Range	20 to 80% RH (non-condensing)
Sustainable Impact Specifications	Low halogen; 85% post-consumer recycled plastic in the monitor's enclosure; Contains 20% recycled glass in the monitor panel; At least 90% recycled aluminum in the stand
Certifications and Compliances	Argentina S-Mark; Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; cTUVus; EAC; FCC; ISO 9241-307; KC; KCC; NOM; PSB; TUV Bauart; VCCI; WEEE; TÜV Low Blue Light Hardware Solution certified; UAE safety; UAE RoHS; South Africa safety; Ukraine safety; Australian-New Zealand DoC; Australia GEMS/MEPS regulator certificate; Flicker free
Physical Security	None
Management Software	OMEN Gaming Hub ^[5]
UPC Number	(A2K) 199485354699; (A2N) 199485354705; (AB0) 199485354712; (AB1) 199485354729; (AB2) 199485354736; (AB4) 199485354743; (ABA) 199485354750; (ABB) 199485354767; (ABG) 199485354774; (ABJ) 4582712659616; (ABT) 199485354781; (ABU) 199485354798; (ABV) 199485354804; (AC8) 199485354828; (ACJ) 199485354842; (ACQ) 199485354866; (AKH) 199485354880; (AKL) 199485354903; (AR6) 199485354927; (UUF) 199485354934; (UUG) 199485354958; (UUZ) 199485354965
Manufacturer Warranty	HP standard one-year limited warranty ^[8]
What Is In The Box	Monitor; HDMI cable; Warranty card; Quick Setup Poster; Cable holder; Vertical stand; VESA cover; Stand base ^[4]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] Full high-definition (FHD) content required to view FHD images.

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

[3] FreeSync™ is an AMD® technology that requires mandatory low framerate compensation and at least 144Hz refresh rate with <3440 horizontal resolution, AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. More information is available at www.amd.com/freesync.

[4] Account required for full functionality. See OMEN Gaming Hub terms and conditions. Support level for non-HP products may be subject to change. Some animation effects may consume more CPU resources.

Technical Specifications Footnotes

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

[2] The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz and include 1 HDMI or 1 DisplayPort™ outputs to drive the monitor at the Preferred Mode.

[4] Included cables may vary by country.

[5] Account required for full functionality. See OMEN Gaming Hub terms and conditions. Support level for non-HP products may be subject to change. Some animation effects may consume more CPU resources.

[6] Maximum brightness and contrast setting with maximum power loading on USB downstream ports (for power consumption maximum); Factory default brightness and contrast setting with 25% power loading on USB downstream ports (for power consumption typical).

[8] Please refer to the warranty card supplied with the product for details. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.

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