

OMEN 25i Gaming Monitor



**Your game just got real.
Like real real accurate.**

We've redefined high definition gaming with 165Hz, 1ms response, and more colors. Smoother gaming with NVIDIA® G-SYNC® compatibility and AMD FreeSync™ Premium Pro.

Product overview

- **Tailor your target:** Zero in all your settings in OMEN Gaming Hub.⁽⁶⁾ Customize your gameplay—Dynamic crosshair automatically switches color so you never lose your crosshair in the environment, Game Remaster Mode applies enhancement filters to lower resolution games so you can experience classics like never before, see in the dark with Shadow Vision, and catch all the details with Edge Precision.
- **No frame left behind:** Live in the flow of 165Hz with 1ms response time and experience silky smooth gameplay thanks to NVIDIA® G-SYNC® compatibility and AMD FreeSync™ Premium Pro.⁽³⁾⁽⁴⁾
- **All of the colors:** Look out. This breathtaking view will blow you away with its killer front of screen performance which includes 1080p IPS, VESA Certified DisplayHDR 400™, and 90% DCI-P3 color gamut.
- **Comfort for the eyes:** HP Eye Ease with Eyesafe® certification filters blue light without affecting the color accuracy.⁽²⁾

Key specifications

- **Viewable image area:** 24.5 inch diagonally measured
- **Panel type:** IPS
- **Aspect ratio:** 16:9
- **Resolution:** Full HD⁽¹⁾
- **Connectivity:** 1 x HDMI 2.0; 1 x DisplayPort™ 1.4; 2 x USB-A 3.2 Gen 1; 1 x USB-B

Product features

- **Step up to the best:** IPS technology ensures image accuracy and consistency across the ultra-wide viewing spectrum.
- **165 Hz refresh rate:** This lightning-fast refresh rate practically removes all artifacting and motion blurring for action that looks crisp and gameplay that feels incredibly responsive.⁽⁹⁾
- **1-millisecond response time with Overdrive:** Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.⁽⁹⁾
- **Moving Picture Response Time:** Greatly reduces motion blur for a more fluid visual experience.
- **VESA Certified DisplayHDR 400™:** Brighten your screen with a VESA Certified HDR 400 panel. Stream HDR games and movies with enhanced contrast on your HDR display, creating a vivid, lifelike visual experience.⁽¹³⁾
- **NVIDIA® G-SYNC® Compatible:** Enjoy variable refresh rates with NVIDIA® G-SYNC® compatibility, delivering gameplay that's sharp, fluid, and stutter-free with minimal input lag.⁽⁴⁾⁽⁹⁾

Additional product features

- **90% DCI-P3 color space:** Get deeper hues and more accurate colors.⁽⁹⁾
- **AMD FreeSync™ Premium Pro Technology:** Provides the true HDR gaming experience — a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while maintaining low latency.⁽³⁾
- **8-bit color:** Experience true to life color with an 8-bit color display that shows 16.77 million colors.
- **OMEN Gaming Hub:** OMEN Gaming Hub is your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OGH elevates play in easy and simple ways.⁽⁶⁾
- **Dynamic Crosshair:** Automatically changes the crosshair color based on environment, so it doesn't disappear in the background.
- **Game Remaster Mode:** Applies enhancement filters to lower resolution games so you can experience the classics like never before.
- **Shadow Vision:** Brightens scenes without overexposing
- **Edge Precision:** Smooths and corrects sharp images for a more accurate and realistic appearance.
- **Console compatible:** Easily connects with your favorite current and next gen gaming consoles — just plug and play.
- **Eyesafe® Certified Display:** Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when gaming for long periods of time.
- **Adjust your view:** Adjust the screen to your personal preference with a 5-degree forward or 20-degree backward tilt.
- **Sustainably sourced packaging:** HP is innovating new ways to reduce the amount of materials in our packaging and to use more recycled materials in the design.⁽¹¹⁾
- **FHD display / 1080p display:** Brilliant visuals and unforgettable quality from a stunning FHD display.⁽¹⁾
- **Joystick OSD:** Navigating through the on-screen menu is easier than ever before with a built-in joystick.
- **Off the desk and on the wall:** VESA mounts for easy mounting on a wall or arm.⁽¹²⁾
- **Three-sided micro-edge display:** See more of your screen with a display that maximizes your viewing area.



Panel specifications

Display size	• 24.5 inch diagonally measured
Panel technology	• IPS
Maximum refresh rate	• 165 Hz
Panel bit depth	• 8 bit
Aspect ratio	• 16:9
Brightness	• Brightness [Typical] – 400 nits • Peak Brightness [HDR on] – 450 nits ⁽⁹⁾
Resolution	• Native: Full HD 1920 x 1080 @ 60 Hz ⁽⁸⁾ • Maximum: 1920 x 1080 @ 165 Hz
Contrast ratio	• Static: 1000:1 • Dynamic: 12M:1 ⁽¹⁰⁾
Low blue light	• Eyesafe® • TÜV certified
Flicker free	• Yes
Scan rate	• Horizontal: 31 kHz - 192 kHz (HDMI); 192 kHz (DP) • Vertical: 60-165 Hz
Backlight	• Lamp life: 30K hours • Type: Edge-lit
Screen treatment	• Anti-glare • Hardness: 3H • Haze: 25%
Response time	• 1ms MPRT (MPRT Lv5 with Response Time Lv4) • 1ms Overdrive (Response Time Lv5) ⁽⁹⁾
Viewing angle	• Horizontal: 178° • Vertical: 178°
Variable refresh rate technology	• NVIDIA® G-SYNC® compatible • AMD FreeSync™ Premium Pro
HDR support	• VESA Certified DisplayHDR 400™
Color	• 99% sRGB • 90% DCI-P3

Monitor specifications

Bezel	• 3-sided micro edge
Exterior color	• Bezel: Black • Stand: Black
Connectivity/ports	• 1 x HDMI 2.0 • 1 x DisplayPort™ 1.4 • HDCP support (HDMI and DisplayPort™) • 2 x USB-A 3.2 Gen 1 • 1 x USB-B • 1 x Audio (earphone output)
Power	• Power supply: External • Power source: 100~240 VAC 50/60 Hz
VESA mounting	• 100 mm x 100 mm ⁽¹²⁾
Height adjustable stand range	• No
Tilt range	• -5° to +20°
Security lock ready	• Standard security lock slot

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Detachable stand	• Yes
Languages	• 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
On screen display	• Gaming, Image, Color, Input, Power, Menu, Management, Information, Exit • User assignable function buttons: 4 (8 options)
Software	• OMEN Gaming Hub ⁽⁶⁾

Accessories & warranty

What's in the box	• Power cord • DisplayPort™ cable • USB 3.0 cable • Power adapter • Quick set up guide • Document kit
Warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁵⁾

Approvals & certifications

Agency approvals	• Microsoft WHQL Certification • WW application • CB/CE/UKCA/cTUVus/FCC/ICES/VCCI/CCC/CEL/BSMI/Australian-New Zealand MEPS/RCM/KCC/E-standby/ISO 9241-307/BIS/ UAE/EAC/CEC/NOM/Ukraine certificates/NRCS of South Africa/ South Africa energy/ Eup Lot 6 and 26/ Eup Lot 5/Ukraine Energy/Mexico Energy/ Vietnam MEPS/ ISC/WEEE/ Hardware Low blue light/ eye safe/ TUV Flicker free
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Product/package specifications

Base area footprint	• 6.54 in x 6.54 in • 16.6 cm x 16.6 cm
Unpackaged dimensions	• 21.95 in x 9.18 in x 15.33 in • 55.75 cm x 23.31 cm x 38.94 cm
Unpackaged weight	• 11.69 lb • 5.3 kg
Packaged dimensions	• 24.88 in x 5.59 in x 16.18 in • 63.2 cm x 14.2 cm x 41.1 cm
Packaged weight	• 17.16 lb • 7.8 kg

Additional information

Product number	• 22J05AA#ABA
UPC Code	• 195122781552
Country of origin	• China

