OMEN 27i Gaming Monitor

IPS 165Hz 2K Gaming Monitor with AMD Radeon FreeSync™

**You've got the moves.
We've got the views.**

From speed to picture quality, the OMEN 27i display delivers what you want.

Product overview

- **Fun just got faster:** The fun just got fast with the 165Hz refresh rate. And silence choppy gameplay with the 1ms response time and AMD FreeSync™ Technology.[2][4]
- **Colors for days:** IPS panel technology with 2K resolution delivers extraordinary color reproduction that fully immerses you into every game with wider viewing angles and better contrast to enhance your experience.[1]
- **Get into position, in any position:** Play comfortably—adjust the height easily and say goodbye to distracting bezels plus ambient RGB lighting to help reduce eye strain.

Key specifications

- **Viewable image area:** 27-inch diagonal
- **Aspect ratio:** 16:9
- **Resolution:** 2560 x 1440 @ 165Hz[1]
- **Connectivity:**
  1 x DisplayPort™ 1.2
  1 x HDMI 2.0
  2 x USB 3.0 (upstream)
  1 x USB 3.0 (downstream)
- **Exterior color:** Shadow black

Product features

- **Step up to the best:** IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.
- **1ms response time with Overdrive:** How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.[2]
- **165Hz 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.[2]
- **AMD FreeSync™ technology:** See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD FreeSync™ makes display stutter, input lag, and screen tears ancient history.[4]

Additional product features

- **2K Display:** Ultra-sharp details and captivating definition with 3.7 million pixels.[1]
- **Height adjustment stand:** Easily adjust your display to the most comfortable position with 130 mm range of travel.
- **Ambient lighting:** Say goodbye to late-night eye fatigue. Adjustable to match the color of your PC or what's on screen, ambient lighting casts a glow onto the base and stand diffusing the bright light of the display.
- **DCI-P3 color space:** Get deeper hues and more accurate colors with a wider color gamut than sRGB. DCI-P3 98% closely represents colors on displays as they are in the real world.[2]
- **OMEN Command Center:** Puts you in control, allowing you to optimize and customize your display, performance and lighting settings—all to meet your needs.
- **Console connectivity:** Easily connect to your PC, gaming console, and peripherals for big screen entertainment with a broad range of ports, including 1 HDMI, 1 DisplayPort™, and 2 USB.
- **Micro-edge display:** With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.
- **Share the panoramic view:** Vibrant detail from practically any position with consistent color and image clarity maintained across ultra-wide 178-degree horizontal and vertical viewing angles.

Environmentally conscious

- Energy efficient design and components help reduce power consumption and energy costs.

Warranty and support

- Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply.

Monitor specifications

Panel type	• IPS
Viewable image area	• 27-inch display, diagonally measured
Viewing angle	• Horizontal: 178° • Vertical: 178°
Surface treatment	• Anti-glare panel
Native resolution	• 2560 x 1440 @ 165Hz (Display Port) • 2560 x 1440 @ 165Hz (HDMI)
Maximum resolution	• 2560 x 1440 @ 165Hz (Display Port) • 2560 x 1440 @ 165Hz (HDMI)
Aspect ratio	• 16:9
Contrast ratio	• Typical: 1000:1 • Dynamic 10M:1[3]
Brightness	• 350 nits[2]
Color space	• 98% DCI-P3
Color support	• 1.07 Billion colors
Pixel pitch	• 0.2331 (H) mm x 0.2331 (V) mm • 109 PPI
Panel active area	• 596.74 mm x 335.66 mm
Scan range	• **Horizontal:** 80 to 250 KHz • **Vertical:** DisplayPort: 48 - 165 Hz HDMI: 48 - 144 Hz
Response time	• 1ms GtG with OverDrive[4]
Variable sync support	• AMD Radeon FreeSync™
Connectivity	• 1 x HDMI 2.0 • 2 x USB 3.0 (upstream) • 1 x USB 3.0 (downstream) • 1 x DisplayPort™ 1.2 • 1 x Audio output (headphone) • HDCP support
Power supply	• External
Maximum power consumption	• 75W
Energy saving/ standby mode	• 0.5W
Tilt	• –5 to +20 degrees
Height adjustable base	• Range: 0 to 130 mm • Adjustable: 130 mm
Base area footprint	• 7.2 in x 7.2 in • 183.2 mm x 183.2 mm
Detachable base	• Yes, ships detached
VESA mounting	• 100 mm x 100 mm
Security lock ready	• Yes
Unpackaged dimensions	• 24.13 in (W) x 10.12 in (D) x 20.55 in (H) • 61.3 cm (W) x 25.7 cm (D) x 52.2 cm (H)
Unpackaged weight	• 17.09 lb • 7.75 kg
Packaged dimensions	• 28.74 in (W) x 9.84 (D) in x 18.11 in (H) • 73 cm (W) x 25 (D) cm x 46 cm (H)
Packaged weight	• 23.292 lb • 10.568 kg
Software	• OMEN Command Center tool
On screen display	• **User controls:** Gaming, Image, Color, Input, Power, Menu, Management, Language, Information, Exit • **User programmable modes:** 10
Languages	• English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese
Certifications	• Windows 10, 8, 7 Microsoft WHQL Certification • WW application • CB/EuP lot5/6/26/ NOM/BSMI/RoHS/CCC/CEL/CECP/ cTUVus/VCCI/ISO 9241-307/KC/KCC/KES/CE/FCC/C-Tick/BIS/EAC/CEC/NOM/TUV-GS/WEEE/CEL/ BIS

Environmental features

LED backlights	• Mercury-free LED backlighting
Backlight lamp life	• 30K hours
Arsenic-free	• Arsenic-free display glass[6]
Low halogen	• Low halogen design[5]

Accessories & warranty

What's in the box	• A/C power cable 1.8 m (5.9 ft) • A/C power adapter • DisplayPort™ cable 1.8 m (5.9 ft) • USB 3.0 Type A to B adapter • Quick set up poster • Service phone list card • Warranty
Limited warranty	• HP standard 1 year limited warranty. Certain restrictions and exclusions apply. See www.HP.com/go/support for details.

Additional information

Product number	• 8AC94AA#ABA
UPC Code	• 194441004953
Country of origin	• China
Tariff number	• 8528520000

Learn more at hp.com