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.

AMD RADEON FreeSync

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

© Copyright 2020 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 shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Actual product may vary from image shown. [1] 2K content is required to view 2K images. [2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. [3] During video playback only, depending on series of frames or time duration. [4] FreeSync™ is only available when it is connected on DisplayPort or HDMI. FreeSync is an AMD® technology enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. More information is available at www.amd.com/freesync. [5] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. [6] Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a Method Detection Limit of 10 ppm. [8] Warranty may vary by country. See www.HP.com/go/support for details.
01/13/2020_r1 tg