OMEN 27i IPS 165Hz 2k Gaming Monitor

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

Who wants to choose between speed and picture quality? Not you. So, enjoy the game with a refreshingly speedy 165Hz refresh rate[1]. Silence choppy gameplay, permanently, with the 1ms response time with overdrive.[1]

*Product image may differ from actual product

Fun just got faster
The NVIDIA® G-SYNC® Compatible[3] OMEN 27i monitor is validated by NVIDIA to bring you smooth, tear-free gaming with a 165Hz refresh rate[1] and 1ms response time with overdrive[1]. Fun just got fast.

Colors for days
Nano IPS panel technology with QHD[2] resolution delivers extraordinary DCI-P3 98% color reproduction that fully immerses you into every game, with wider viewing angles and better contrast, to enhance your experience.

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.

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Featuring

Step up to the best
IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

1-millisecond response time with Overdrive
Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.[1]

165Hz refresh rate
Crisp action and incredibly responsive gameplay with virtually no artifacting or screen tearing.[1]

NVIDIA® G-SYNC® Compatible
Sharp, fluid, and stutter-free gaming with up to 165Hz refresh rates.[1]

QHD Display
Ultra-sharp details and captivating definition with 3.7 million pixels.[2]

Height adjustment stand
Easily adjust your display to the most comfortable position with 130mm range of travel.

Ambient lighting
Diffused lighting to help reduce eye fatigue during late-night gaming sessions.

DCI-P3 color space
Get deeper hues and more accurate colors with a wider color gamut than sRGB.[1]

Extensive port connectivity
HDMI, DisplayPort™ and a USB 3.0 hub deliver advanced connectivity for the latest hardware and accessories.

Micro-edge display
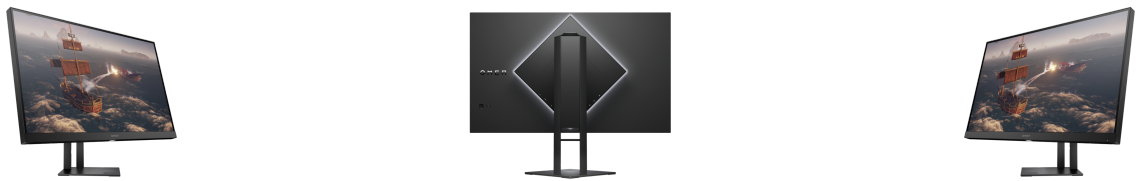Micro-edge design creates a larger viewing experience.

Share the panoramic view
Ultra-wide 178-degree viewing angles with consistent detail and vibrant color.

Anti-glare panel
Enjoy the sun and your favorite content with this anti-glare panel.

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Product number	8AC94AA#ABB:; #A2N; #ABT; #ABU; #ABV; #ABY; #ACQ; #UUG; #UUZ
UPC number	194441005059
Display size	68.58 cm (27")
Display colors	1.07 billion colors supported
Aspect ratio	16:9 [1]
Display type	IPS
Pixel pitch	0.233 mm
Response time	1 ms GtG [1]
Brightness	350 nits [1]
Contrast ratio	1000:1 [1]
Display contrast ratio (dynamic)	10000000:1
Product color	Black
Resolution (maximum)	QHD (2560 x 1440 @ 165 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 640 x 480; 720 x 400; 720 x 480; 800 x 600
Display scan frequency (horizontal)	80-250 KHz
Display scan frequency (vertical)	48-144 Hz
Display features	Language selection; On-screen controls; Plug and Play; User controls; NVIDIA G-SYNC™; Anti-glare
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 1 HDMI 2.0 (with HDCP support)
Physical security features	Security lock-ready [3]
Environmental specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights [2]
Energy efficiency	Energy efficiency class: G; Annual energy consumption: 64 kWh;
Display User Control Options	Exit; Information; Input source; Language; Management; Menu; Power; Gaming; Image; Color
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F
Operating humidity range	20 to 80% non-condensing
Power supply	Input voltage 100 to 240 VAC
VESA mount	100 mm x 100 mm
Pixels per inch (ppi)	109 ppi
Panel bit depth	10 bit
Vertical viewing angle	178°
Horizontal viewing angle	178° horizontal
Bezel	3-sided micro-edge
Tilt	-5 to +20°
Height adjustment range	130 mm
Screen treatment	Anti-glare
Low blue light modes	Yes
Port and Connectors	1 HDMI 2.0; 1 DisplayPort™ 1.2; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Line Output; 1 USB-B
HDCP	Yes, DisplayPort™ and HDMI
Warranty	1 year parts and labour limited warranty.
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CECP; CEL; C-Tick; cTUVus; EAC; EUP Lot-5; FCC; ISO 13406-2 VDT Guidelines Approval; KC; KCC; NOM; RoHS; VCCI; WEEE; California Energy Commission (CEC); TUS-GS
What's in the box	Monitor; DisplayPort™ cable; USB Type-A to B cable
Dimensions (L x W x H)	61.3 x 6.6 x 36.7 cm (Without stand.)
Weight	7.75 kg (With stand.)
Package Dimensions (L x W x H)	73 x 25 x 46 cm
Package weight	10.56 kg

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Messaging Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] QHD (Quad High Definition) content required to view QHD images.
[3] Must support DisplayPort 1.2 directly from GPU. Requires GTX 650 Ti Boost GPU or higher. NVIDIA R340 52 or higher. See NVIDIA.com for more details.
[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 framerate 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.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.
[2] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[3] Lock is sold separately.