

ProductSheet
OMEN 25i Gaming FHD Monitor (22J05AA)



Your game just got real. Like real real.

React faster, aim better, and zero in every aspect of your game. We've redefined high definition gaming with 165Hz, 1ms response, AMD FreeSync™ Premium Pro[1], and more colors than ever before.



Tailor Your Target

Zero in all your settings in OMEN Gaming Hub. Customize your environment-dynamic crosshairs[2], upscale older games to 1080p resolution flip into remaster mode, 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 with AMD FreeSync™ Premium Pro[1] and G-SYNC compatible[3].

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 DisplayHDR 400, and 90% DCI-P3 color gamut.

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.

165Hz refresh rate

Crisp action and incredibly responsive gameplay with virtually no artifacting or screen tearing. [4]

1-millisecond response time with Overdrive

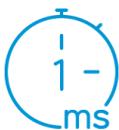
Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen. [4]

Moving Picture Response Time

Greatly reduces motion blur for a more fluid visual experience.

VESA Certified DisplayHDR 400

Brighten your screen with enhanced contrast for a lifelike visual experience. [5]



Specifications

Display size (diagonal)	24.5"
Panel technology	IPS
Display size (diagonal)	62.23 cm (24.5")
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080) ^[1]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 720 x 480
Pixel pitch	0.2832 mm x 0.2802 mm
Brightness	400 nits ^[1]
Contrast ratio	1000:1
Response time (typical)	1ms MPRT ^[1]
Minimum dimensions (W x D x H)	55.75 x 9.23 x 33.3 cm (Without stand.)
Minimum dimensions (W x D x H)	21.95 x 3.63 x 13.11 in (Without stand.)
Dimensions With Stand (W x D x H)	55.75 x 23.31 x 38.94 cm
Weight	5.3 kg (With stand.)
Weight	11.69 lb (With stand.)
Display features	On-screen controls; VESA DisplayHDR 400 certified; Gaming Console Compatible; AMD Freesync™ Premium Pro; G-Sync compatible
Display Input Type	1 HDMI 2.0 (with HDCP support); 1 DisplayPort™ 1.4-in (with HDCP support); 2 USB-A 3.2 Gen 1
Onscreen controls	Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color
Display scan frequency (horizontal)	31-192 KHz
Display scan frequency (vertical)	60-165 Hz
Webcam	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	53 W (maximum), 25 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; E-standby; EUP Lot-5; EUP Lot-6; FCC; ICES; ISO 9241-307; KCC; NOM; RCM; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; EUP Lot-26; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; Mexico Energy; WW application; UAE; Ukraine certificates; NRCS of South Africa; Eyesafe® Certified; UKCA; TÜV Flicker free certified
Physical security	Security lock-ready ^[2]
Management software	OMEN Gaming Hub
What's in the box	Monitor; DisplayPort™ cable; USB cable; Power adapter; AC power cord

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] FreeSync™ Premium Pro is only available when it is connected on Display Port or HDMI with HDR capabilities and game support. FreeSync is an AMD® technology enabled on FHD, QHD and HDR 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. HDR does not require HDR monitors; driver can be set in native mode when FreeSync Premium Pro supported content is detected. Otherwise, HDR content requires that the system be configured with a fully HDR-ready content chain. Mandatory low framerate compensation and at least 120Hz refresh rate, 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.

[2] Based on HP's internal analysis of a gaming cross hair that can be built using 5 customer customizable shapes for up to 25 shape combinations using 8 different colors as of Jan 5, 2021.

[3] Supports Adaptive-sync with NVIDIA® GeForce® graphics cards and AMD Radeon graphics cards. FreeSync™ certified. Compatible with NVIDIA® GeForce® GTX 10 series, GTX 16 series and newer graphics cards.

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

[5] DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details.

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] Lock sold separately.

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