

HP 27mx 27-inch Display (4KK74AA)



Overview

Display your gaming skills

This display has all the essentials for faster action. Enjoy smooth, stutter-free visuals that respond as fast as you do thanks to a 144Hz refresh rate[1] and AMD® FreeSync™[2] technology, while the Full HD[3] screen delivers all your entertainment with vivid colors and crisp clarity.

144Hz

The speed you need

Ensure even the most action-packed moments are smooth, crisp, and free of motion blur with a 144Hz refresh rate and 1 ms response time[1].



Get comfortable

Enjoy 100mm of smooth, precise height adjustment so your display is always in the most comfortable position.

Incredibly smooth

Experience the difference of fluid, stutter-free gameplay on this crystal clear FHD[3] (1920 x 1080) display with AMD® FreeSync™[2] technology.

Features



144Hz

144Hz refresh rate

Get smooth gaming, sharper objects, and cleaner details with a gaming display that refreshes frames 144 times a second – over twice the refresh rate of standard displays.^[4]



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.^[4]

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.^[5]



Micro-edge display

With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.



1080p

FHD display / 1080p display

Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.^[3]



Height adjustment stand

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

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

[2] FreeSync™ is only available when it is connected on DisplayPort or HDMI port. FreeSync is an AMD® technology is 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. Monitor, AMD® Radeon™ Graphics and/or AMD® A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD® Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display.

[3] Full high-definition (FHD) content is required to view FHD images.

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

[5] FreeSync™ is only available when it is connected on DisplayPort or HDMI. FreeSync is an AMD® technology is 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.

Specifications

Display size (diagonal)	27"
Display type	TN with LED backlight
Aspect ratio	16:9 ^[1]
Resolution (native)	FHD (1920 x 1080 @ 60 Hz)
Resolutions supported	800 x 600; 720 x 400; 640 x 480; 1920 x 1080; 1680 x 1050; 1440 x 900; 1280 x 800; 1280 x 720; 1280 x 1024; 1152 x 864; 1024 x 768
Pixel pitch	0.311 mm
Brightness	400 cd/m ² ^[1]
Contrast ratio	1000:1 static; 12000000:1 dynamic ^[1]
View angle	160° vertical; 170° horizontal
Response time	1 ms gray to gray ^[1,4]
Dimensions With Stand (W x D x H)	61.36 x 21.64 x 51.02 cm
Weight	6.78 kg (With stand.)
Weight	15 lb (With stand.)
Display features	Anti-glare; Language selection; LED backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; AMD FreeSync™
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 1 HDMI 2.0 (with HDCP support)
Onscreen controls	Brightness; Color control; Contrast; Exit; Image control; Information; Input control; Language; Management; Menu control; Power control
Display scan frequency (vertical)	Up to 76 Hz
Tilt and swivel angle	Pivot rotation: 90°; Swivel: ±360°; Tilt: -4 to +20°
Ports	1 headphone-out
Power	Input voltage 100 to 240 VAC
Power consumption	40 W (maximum), 30 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Environmental	Arsenic-free display glass; Mercury-free display backlights
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ICES; ISO 9241-307; KC/KCC; Microsoft WHQL Certification (Windows 10, Windows 8 and Windows 7); NOM; PSB; TUV-S; UL; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; China Energy Label (CEL) Grade 2 or 3
Physical security	Security lock-ready ^[3]
What's in the box	AC power cord; Documentation; HDMI cable

Additional specifications

Country of origin	Made in China
Display area (imperial)	23.52 x 13.23 in
Display area (metric)	59.76 x 33.61 cm
Display height	131.4 mm
Operating temperature range	45 to 95°F
Package dimensions (W x D x H)	70.2 x 19 x 46.3 cm
Package dimensions (W x D x H)	27.64 x 7.48 x 18.23 in
Package weight	8.08 kg
Package weight	17.78 lb
Product brand name	HP
Product dimensions with stand (W x D x H)	24.16 x 8.52 x 20.09 in
UNSPSC code	43211902
VESA mount	100 x 100 mm VESA mount compatible

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

[3] Lock is sold separately.

[4] 1 ms gray to gray with overdrive.

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