

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013

INFORMATION		Value	Unit
1. Supplier name or trademark		HP, Inc.	
2. Model identifier		HP X24ih HSD-0081-V	
3. Energy Efficiency Class for standard Dynamic Range (SDR)		F	
4. On mode power demand for Standard Dynamic Range (SDR)		20.9	W
5. Energy Efficiency Class for standard Dynamic Range (HDR)			
6. On mode power demand in High Dynamic Range (HDR) mode			W
7. Off mode, power demand		0.2	W
8. Standby mode power demand		0.2	W
9. Networked standby mode power demand			W
10. Electronic display category		Monitor	
11. Size ratio		16 : 9	
12. Screen resolution (pixels)		1920 x 1080	pixels
13. Screen diagonal		60.5	cm
14. Screen diagonal		24	inches
15. Visible screen area		1562.5	cm ²
16. Panel technology used		LED LCD	
17. Automatic Brightness Control (ABC) available		No	
18. Voice recognition sensor available		No	
19. Room presence sensor available		No	
20. Image refresh frequency rate		60	Hz
21. Minimum guaranteed availability of software and firmware updates (until):		01 11 2030	
22. Minimum guaranteed availability of spare parts (until)		01 11 2030	
23. Minimum guaranteed product support (until)		01 11 2030	
24. Power supply type:		Internal	
i External standardised power supply (included in the product box)	Standard name		
	Input voltage		V
	Output voltage		V
ii External standardised suitable power supply (if not included in the product box)	Standard name		
	Required output voltage		V
	Required delivered current		A
	Required current frequency		Hz

HP X24ih Gaming Monitor



Lifelike quality. Lightning speed.

Experience action-packed gaming in lifelike quality with the 23.8" diagonal monitor that's built to deliver the most consistent color. Now, with an IPS panel, enjoy the superb picture and ultra-wide viewing angles, and immerse yourself in a world of winning. Plus, with a 1ms response time, 144 Hz refresh rate¹ and AMD FreeSync™ Premium² technology, you'll always be one step ahead of your opponent with fluid and lag-free gameplay.



Escape in immersive color
Enjoy better views and sharper moves with an IPS panel that provides ultra-wide viewing angles and a more colorful picture. Now, you can stay immersed in content with the most realistic gaming experience.



Lightning speed for laser sharp accuracy
Be ready to react to anything that comes your way with a 1ms response time and 144 Hz refresh rate¹. Even in the most action-packed moments, always be one step ahead of your opponents.

Faster moves. Fluid gaming.
Every gamer deserves perfectly smooth gameplay and peak performance. Game confidently with a high refresh rate, low framerate compensation and low latency. AMD FreeSync™ Premium-certified monitors are here².

Comfort any way you look at it
Play in your most comfortable gaming position with this monitor's ergonomic design. It lets you easily adjust its stand height, pivot and swivel.

¹ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
² FreeSync™ Premium is only available when it is connected on Display Port 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. 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.

HP X24ih Gaming Monitor

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.

144 Hz refresh rate

Eliminate screen tearing for cleaner details, sharper objects, and smooth gaming.

1-millisecond response time with Overdrive

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

AMD® FreeSync™ technology

Makes display stutter, input lag, and screen tears ancient history.

FHD display / 1080p display

Brilliant visuals and unforgettable quality from a stunning FHD display.

OMEN Command Center

Customize your display, performance and lighting settings.

Highly accurate color

More than 99% sRGB color space for ideal color reproduction.

Height adjustment stand

Easily adjust your display to the most comfortable position with 110 mm range of travel.

Adjust your view

Easy tilt adjustment 6 degrees forward and 23 degrees backward.

Included headphone jack

Easily plug in your headphones for a more lifelike experience.

HP X24ih Gaming Monitor



Display size	60.45 cm (23.8")
Aspect ratio	16:9
Display type	IPS
Pixel pitch	0.274 mm
Horizontal viewing angle	178°
Tilt	-6 to +23°
Height adjustment range	110 mm
Response time	1ms GtG (with overdrive)
Brightness	200 nits
Contrast ratio	1000:1 static
Product color	Black
Resolution (maximum)	FHD (1920 x 1080 @ 144 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Display scan frequency (horizontal)	30-167 kHz
Display scan frequency (vertical)	48-144 Hz
Display features	On-screen controls; Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium
Display Input Type	1 HDMI 2.0; 1 DisplayPort™ 1.2
Physical security features	Security lock-ready
Energy efficiency	Energy efficiency class: A; Annual energy consumption: 35 kWh;
Display User Control Options	Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color
Audio port	1 Headphone Out Combo Jack
Product dimensions	54.08 x 5.25 x 32.58 cm 54.08 x 21.8 x 48.99 cm With stand Packed: 59.2 x 19.8 x 41.7 cm
Weight	6.05 kg; Packed: 7.8 kg
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; EAC; E-standby; EUP Lot-5; EUP Lot-6; FCC; ISC Mark; ISO 9241-307; KC/KCC; NOM; NOM NYCE; PSB; TUV Bauart; UL/CSA; VCCI; Vietnam MEPS; WEEE; Low blue light; South Africa MEPS; Ukraine Energy label; California Energy Commission (CEC); WW application; ICE; UAE
Power supply	Input voltage 100 to 240 VAC
Warranty	1 year parts and labour limited warranty.
What's in the box	Monitor; HDMI cable; Warranty card; QSP; Product notice; AC power cable
VESA mount	100 mm x 100 mm (bracket not included)
Product number	2W925AA
Ordering info	194850573828
Touch-enabled	Not touch-enabled
Pixels per inch (ppi)	93 ppi
Vertical viewing angle	178°
Bezel	3-sided micro-edge
Swivel	±360°
Pivot	+90
Panel bit depth	8 bit
Hardness	3H
Touch-enabled	Not touch-enabled
Flicker-free	Yes

