HP M27fw FHD Monitor (2H1A4AS)

Overview

The highest definition of comfort and design.

Lose yourself in the picture-perfect immersion of this massive canvas, designed to redefine comfort, wellness, and sustainability[1]. Play, work, or simply stare into the new definition of high definition.

The New Definition of High Definition

This FHD monitor feels as good as it looks, packing IPS technology for 178 degrees ultra-wide viewing angles, 99% sRGB color gamut for color accuracy, and Freesync to keep your eyes up to speed with your imagination[2].

Streamlined & Seamless

Streamline your setup with its slim profile, innovative cable containment, and seamless design for side-by-side screens.

Looks Good, Feels Good, Does Good

Increase viewing comfort with Eyesafe technology that doesn't sacrifice color quality. Monitor designed with sustainability in mind with 85% recycled materials and packaged in recycled materials[1]. Doing good never looked so good.

Features

Easily personalize and adjust your display.

Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen.

HP Eye Ease with Eyesafe® Certification

An always-on blue light filter that keeps your eyes comfortable with zero impact on color accuracy.

IPS

Step up to the best

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

1080p

FHD display / 1080p display

Brilliant visuals and unforgettable quality from a stunning FHD display.[3]

Cable management

Cord and wire pass-through located on the display stand reduces cord-clutter and helps keep your workspace clean and organized.

sRGB

Highly accurate color

99% sRGB color space for ideal color reproduction.[2]

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[1] Based on HP's internal analysis. Display's 85% post-consumer recycled plastic content consists of 5% ocean bound plastic materials by weight. 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting.

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

Specifications

Display size (diagonal)	27"
Panel technology	IPS
Display size (diagonal)	68.6 cm (27")
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
Pixel pitch	0.311 mm
Brightness	300 nits[1]
Contrast ratio	1000:1
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	60.79 x 3.42 x 35.6 cm (Without stand.)
Dimensions With Stand (W x D x H)	60.79 x 18.82 x 43.73 cm
Weight	3.2 kg (With stand.)
Display features	On-screen controls; AMD FreeSync™; Low blue light mode; Anti-glare
Onscreen controls	Brightness; Exit; Information; Management; Power control; Input control; Menu control; Image; Color
Display scan frequency (horizontal)	30-86 KHz
Display scan frequency (vertical)	48-75 Hz
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Operating temperature range	5 to 35℃
Operating humidity range	20 to 80% non-condensing
Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; CEL Grade 1; cTUVus; EAC; EUP Lot-5; EUP Lot-6; FCC; ICES; ISO 9241-307; KC/KCC; NOM; VCCI; Vietnam MEPS; WEEE; Low blue light; EUP Lot-26; California Energy Commission (CEC); South Africa Energy; eStandby; WW application; UAE; Ukraine certificates; NRCS of South Africa[5]
Ecolabels	EPEAT® registered[3]
Physical security	Security lock-ready[2]
Management Software	HP Display Center
UPC number	195161461316
Manufacturer Warranty	1 year limited warranty.

What's in the box   Monitor; HDMI cable; Doc-kit; AC power cord[4]

Additional specifications

Backlight type	Edge-lit
Bezel	3-sided micro-edge
Color gamut	99% sRGB
Curvature	Flat
Datasheet photo 1	AHID/12c33fc7cbd9f4a6c0ddd4181590860db8927db8
Datasheet photo 2	AHID/9a5c6c1bd1e4930600de0ed5726c4359da828533
Datasheet photo 3	AHID/cec9c7389dc294ec94e041d3bc476c962f05c602
Datasheet photo 4	AHID/03297222fd4c511a275b8c4199a6f8af6f558472
Detachable stand	Yes
Display area (metric)	55.29 x 30.86 cm
Display contrast ratio (dynamic)	10000000:1
Energy efficiency class	D
Energy efficiency class external url	https://eprel.ec.europa.eu/qr/436609
Energy efficiency class label image	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07044278.png
Energy efficiency class logo	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055645.png
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, HDMI
HDMI	2 HDMI 1.4
Hardness	3H
Height adjustment range	No height adjust
Horizontal viewing angle	178°
Integrated privacy filter	No
Low blue light	Yes (Eyesafe® and TÜV certified)
Microphone	No
Non-Operating Humidity Range	5 to 95%
On mode power demand in Standard Dynamic Range (SDR)	17 W
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	69 x 12.6 x 43 cm
Package weight	5.8 kg
Panel bit depth	8 bit (6 bit + FRC)

Pixels per inch (ppi)	82 ppi
Power supply type	External
Product brand name	HP
Product safety	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Resolution (maximum)	FHD (1920 x 1080 @ 75 Hz)
Screen treatment	Anti-glare
Speaker type	No
Standby mode power demand	0.5 W
Tilt	-5 to +25°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
VESA mounting	Not VESA mount compatible
VGA	1 VGA
Vertical viewing angle	178°
pivot	No pivot
swivel	No swivel

[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.

[3] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[4] Included cables may vary by country.

[5] Monitors produced before June 1st 2024 comply with China regulation GB 21520-2015.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Consumer Care Pack Services

HP 1 year Post Warranty Pickup and Return Monitor Hardware Support	U42V2PE
HP 2 Year Pickup and Return Service for Consumer Monitors	HC203E
HP 2 Year Return to Depot Service for Consumer Monitors	UJ047E

Accessories for PC

Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA

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