HP M27fw FHD Monitor (2H1B1AA)

Active as of 29/01/2021

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.

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.

Streamlined & Seamless

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

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].

sRGB

Highly accurate color

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

1080p

FHD display / 1080p display

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

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.

Specifications

Display size (diagonal)
27"

Panel technology
IPS

Aspect ratio
16:9

Native resolution
FHD (1920 x 1080)

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

Contrast ratio
1000:1

Response time (typical)
5ms GtG (with overdrive)

Display features
On-screen controls; AMD FreeSync™; Low blue light mode; Anti-glare

Display scan frequency (horizontal)
30-86 KHz

Display scan frequency (vertical)
48-75 Hz

Onscreen controls
Brightness; Exit; Information; Management; Power control; Input control; Menu control; Image; Color

Physical security
Security lock-ready

Webcam
No integrated camera

Power
100 - 240 VAC 50/60 Hz

Power supply type
External

Power consumption
23 W (maximum), 16 W (typical), 0.5 W (standby)

Operating temperature range
5 to 35°C

Minimum dimensions (W x D x H)
60.79 x 3.42 x 35.6 cm
(Without stand.)
3

Dimensions With Stand (W x D x H)
60.79 x 18.82 x 43.73 cm

Weight
3.2 kg

UPC number
195161461538

Package dimensions (W x D x H)
69 x 12.6 x 43 cm

Package weight
5.8 kg

What's in the box
Monitor
HDMI cable
VGA cable

Doc-kit
AC power cord

Management Software
HP Display Center

Overview

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.

Detailed Specifications

Aspect ratio
16:9

Backlight type
Edge-lit

Bezel
3-sided micro-edge

Brightness
300 nits

Brightness (typical) footnote number
[1]

Certifications and compliances
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; 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

Color gamut
99% sRGB

Contrast ratio
1000:1

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Curvature
Flat

Detachable stand
Yes

Dimension note (imperial)
Without stand.

Dimensions (W x D x H) Note
Without stand.

Dimensions With Stand (W x D x H)
60.79 x 18.82 x 43.73 cm

Display area (imperial)
21.77 x 12.15 in

Display area (metric)
55.29 x 30.86 cm

Display contrast ratio (dynamic)
10000000:1

Display features
On-screen controls; AMD FreeSync™; Low blue light mode; Anti-glare

Display footnote number
[1]

Display Input Type
1 VGA; 2 HDMI 1.4 (with HDCP support)

Display scan frequency (horizontal)
30-86 KHz

Display scan frequency (vertical)
48–75 Hz

Display size (diagonal)
27"

Display size (diagonal)
68.6 cm (27")

Ethernet
No

Flicker-free
Yes

Hardness
3H

HDCP
Yes, HDMI

HDMI
2 HDMI 1.4

Height adjustment range
No height adjust

Horizontal viewing angle
178°

Image legal disclaimer
Product image may differ from actual product

Integrated privacy filter
No

Low blue light modes
Yes, Eyesafe® Certified

Management Software
HP Display Center

Microphone
No

Minimum dimensions (W x D x H)
23.93 x 1.35 x 14.01 in

Minimum dimensions (W x D x H)
60.79 x 3.42 x 35.6 cm

Native resolution
FHD (1920 x 1080)

Native resolution footnote number
[1]

Non-Operating Humidity Range
5 to 95%

Onscreen controls
Brightness; Exit; Information; Management; Power control; Input control; Menu control; Image; Color

Operating humidity range
20 to 80% non-condensing

Operating temperature range
41 to 95°F

Operating temperature range
5 to 35°C

Package dimensions (W x D x H)
27.17 x 4.96 x 16.93 in

Package dimensions (W x D x H)
69 x 12.6 x 43 cm

Package weight
12.79 lb

Package weight
5.8 kg

Panel bit depth
8 bit (6 bit + FRC)

Panel technology
IPS

Physical security
Security lock-ready

Physical security footnote number
[2]

pivot
No pivot

Pixel pitch
0.311 mm

Pixels per inch (ppi)
82 ppi

Power
100 - 240 VAC 50/60 Hz

Power consumption
23 W (maximum), 16 W (typical), 0.5 W (standby)

Power supply type
External

Product brand name
HP

Product dimensions with stand (W x D x H)
23.93 x 7.4 x 17.21 in

Resolution (maximum)
FHD (1920 x 1080 @ 75 Hz)

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

Response time (typical)
5ms GtG (with overdrive)

Response time footnote number
[1]

Screen treatment
Anti-glare

Speakers
No

swivel
No swivel

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

Tech spec footnote
[2] Lock sold separately.

Tech spec footnote
[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.

Tech spec footnote
[4] Included cables may vary by country.

Tilt
-5 to +25°

Touch-enabled
Not touch-enabled

UNSPSC code
43211902

UPC number
195161461538

Vertical viewing angle
178°

VESA mounting
Not VESA mount compatible

VGA
1 VGA

Webcam
No integrated camera

Weight
3.2 kg

Weight
7.05 lb

Weight note (imperial)
With stand.

Weight note (metric)
With stand.

What is in the box footnote number
[4]

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