HP EliteDisplay E242m Monitor (1FH48AS)

Overview

A strikingly modern business collaboration companion

Connect and collaborate in complete comfort on the HP EliteDisplay E243m 60.45 cm (23.8") Monitor, which is Skype for Business® certified for optimal video and audio experiences between displays and has a 3-sided micro-edge bezel for seamless multi-display[1] tiling and 4-way adjustable ergonomics.

Advanced communication tools at the touch of a button

Meet online with colleagues across the hall and around the world on a Skype for Business® certified display with an HD webcam, expertly-tuned Audio by Bang & Olufsen, microphone, and collaboration keys to control calls without an onscreen menu.

Break the boundaries

Expand your productivity with uninterrupted views of one screen or many with a 3-sided micro-edge bezel that supports virtually seamless arrays.[1] Get crisp visuals from any angle on the 1920 x 1080 Full HD resolution[2], 60.45 cm (23.8") diagonal IPS screen.

Work comfortably

Find your most comfortable, productive position with adjustable tilt, height, swivel, and up to 150 mm height adjustment settings. Use pivot rotation to customize portrait or landscape views when using multiple displays.[1]

Features

Customizable collaboration

Personalize your setup by combining your display with an HP accessory designed for UCC, including wired and wireless headsets, a speaker phone, and keyboards with dedicated collaboration keys.[3]

Adaptable for a single-footprint setup

Mount your compatible HP Desktop Mini PC or select Thin Client or Chromebox directly on the column stand using the optional HP B300 PC Mounting Bracket.[4]

Experience simple, convenient connectivity

Connect to your most frequently-used displays and devices with a range of integrated ports right at the display.

Be responsible

Reduce power consumption and help lower costs with a low halogen, ENERGY STAR® certified, EPEAT® 2019 registered display that meets TCO Certified Edge with 85% Post-Consumer Recycled plastics.[5,6]

Divide and conquer

Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by dimming a display that's disconnected without approval.

Click or call for support

Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection, select an optional HP Care service.[7]

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[1] Each display sold separately.

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

[3] Sold separately.

[4] HP Desktop Mini PC, Thin Client, and Chromebox sold separately and require the HP B300 PC Mounting Bracket, also sold separately. See display QuickSpecs for product compatibility.

[5] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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

[7] HP Care Packs sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080)
Resolutions supported	1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 1024; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
Pixel pitch	0.2745 mm
Brightness	250 nits[1]
Contrast ratio	1000:1 static; 10000000:1 dynamic[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Dimensions (W x D x H)	53.88 x 4.63 x 34.72 cm (Without stand)
Dimensions With Stand (W x D x H)	53.88 x 21.4 x 51.37 cm
Weight	6.6 kg (With stand)
Display features	Anti-glare; BrightView Panel; In plane switching; Language selection; LED Backlights; On-screen controls; Plug and Play; Anti-static; Low Haze; Pivot rotation
Onscreen controls	Brightness; Color Control; Contrast; Exit; Image Control; Information; Input Control; Language; Management; Menu; Minus ("-"); OK; Plus ("+"); Power Control
Display colors	Up to 16.7 million colors supported (through FRC technology)
Ports	3 USB 3.0 (one upstream, two downstream)[1]
Camera	Pop-up 720p integrated HD webcam with dual Digital microphones
Power	Input voltage: 100 to 240 VAC
Operating temperature range	5 to 35℃
Operating humidity range	20 to 80% non-condensing
Sustainable impact specifications	Arsenic-free display glass; Mercury-free display backlights; Low halogen
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CECP; CEL; CSA; cTUVus; FCC; ICES; ISO 9241-307; KC; KCC; Microsoft WHQL Certification (Windows 10, Windows 8 and Windows 7); NOM; PSB; RCM; SEPA; S-Mark; SmartWay Transport Partnership (NA); TUV LBL; TUV/GS; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Skype for Business Certified
Physical security	Security lock-ready (lock is sold separately)
Management Software	HP Display Assistant
UPC number	(A2N) 190781270836; (ABB) 190781270782; (ABT) 190781270805; (ABU) 190781270799; (ABV) 190781270829; (ACQ) 190781270812

Manufacturer Warranty	3-years limited warranty including 3 years of parts and labour. Certain restrictions and exclusions apply.
What's in the box	DisplayPort™ 1.2 cable; HDMI cable; VGA cable; Monitor; AC power cable; Quick Setup Poster

Additional specifications

Bezel	3-sided micro-edge
Color gamut	72% NTSC
Curvature	Flat
Datasheet photo 1	Publication photos/Bugsy_243M_1.jpg
Datasheet photo 2	Publication photos/hp-carepack-new.jpg
Datasheet photo 3	Publication photos/Bugsy_243M_3.jpg
Datasheet photo 4	Publication photos/Bugsy_243M_4.jpg
Datasheet photo 5	Publication photos/Bugsy_243M_5.jpg
Datasheet publication number	4AA7-1505
Detachable stand	Yes
Display area (metric)	52.7 x 29.64 cm
Display contrast ratio (dynamic)	5000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy efficiency class	E
Energy efficiency class label image	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07050648.png
Energy efficiency class logo	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c04545705.jpg
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Height adjustment range	150 mm
Horizontal viewing angle	178° horizontal; 178° vertical
Microphone	Yes (echo cancelling)
Non-Operating Humidity Range	5% - 95%
On mode power demand in Standard Dynamic Range (SDR)	17.5 W
Package weight	9.3 kg
Panel bit depth	8 bit (6 bit + 2 FRC)
Power consumption (annual)	18 kWh
Power consumption (off-mode)	0.3 W
Power consumption (on-mode)	18 W
Power supply type	Internal
Product brand name	HP
Product safety	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true

Recommended resolution	FHD (1920 x 1080 @ 60 Hz)
Resolution (maximum)	FHD (1920 x 1080 @ 60 Hz)
Speaker output power	2 x 2 W
Speaker type	2
Standby mode power demand	0.5 W
Swivel	±45°
Tilt	-5 to +23°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
USB Type-A	2 USB-A 3.2 Gen 1
Usb b (hub enablement)	1 USB-B
VESA mounting	100 mm
VGA	1 VGA
Vertical viewing angle	178°
pivot	±90

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

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B300 PC Mounting Bracket	2DW53AA

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP DisplayPort Cable Kit	VN567AA
HP HDMI Standard Cable	T6F94AA

Audio Devices

PC Speakers

HP S101 Speaker bar	5UU40AA

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