



HP EliteDisplay E233 23-inch Monitor (1FH46AA)

Active as of 1/08/2017



Overview

Take your mainstream display to the edge

Style meets substance in a strikingly modern business display crafted for optimal viewing, productivity, and ergonomics. The HP EliteDisplay E233 23-inch Monitor has a 3-sided micro-edge bezel for seamless multi-display¹ tiling and 4-way adjustability so you can comfortably power through your day.

Style meets substance in the strikingly modern HP EliteDisplay E233 23-inch Monitor crafted for optimal viewing, productivity, and ergonomics with a 3-sided micro-edge bezel and 4-way adjustability.



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 resolution², 23" 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



Adaptable for a single-footprint setup

Create an efficient, compact solution when you mount your compatible HP Desktop Mini PC, Thin Client or Chromebox directly on the column stand using the optional HP B300 PC Mounting Bracket.



Experience simple, convenient connectivity

Work with your most frequently-used devices with VGA, HDMI, and DisplayPort™. Connect your USB accessories right at the display with two USB 3.0 ports.



Be responsible

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

Specifications

Display size (diagonal)

58.42 cm (23")

Display type

IPS w/LED backlight

Aspect ratio

16:9

Resolution (native)

FHD (1920 x 1080 @ 60 Hz)

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

0.265 mm

Brightness

250 cd/m²

Contrast ratio

1000:1 static; 5000000:1 dynamic

View angle

178° horizontal; 178° vertical

Response time

5 ms on/off

Product color

Black

Tilt and swivel angle

Tilt: -5 to +23°; Swivel: ±45°; Pivot rotation: 90°; Height: 150 mm

Display features

Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable

Onscreen controls

Brightness; Color Control; Contrast; Exit; Image Control; Information; Input Control; Language; Management; Menu; Minus ("-"); OK; Plus ("+"); Power Control

Physical security

Security lock-ready (lock is sold separately)

Ports

3 USB 3.0 (one upstream, two downstream)

Power

Input voltage: 100 to 240 VAC

Power consumption

36 W (maximum), 19 W (typical), 0.5 W (standby)

Energy efficiency

EPEAT® Gold; ENERGY STAR® certified

Operating temperature range

5 to 35°C

Environmental

Arsenic-free display glass; Mercury-free display backlights; Low halogen

Dimensions (W x D x H)

52.1 x 4.47 x 31.17 cm

(Without stand)

Dimensions With Stand (W x D x H)

52.1 x 21.8 x 45.79 cm

Weight

5.8 kg

What's in the box

Monitor
AC power cord
VGA cable
USB cable (Type A male to Type B male)
DisplayPort™ 1.2 cable
CD (includes user guide, warranty, drivers)
HP Display Assistant

Warranty

3 years parts and labour limited warranty.

Overview

- 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.

Business white paper (1)

Connect to a better view | Connectivity options on HP PC monitors

Connecting digital devices to a high-definition video display helps make computer games, photos, movies, and business presentations look and perform their best. HP provides a broad selection of PC monitors with multiple connectivity options.

Data sheet (1)

HP EliteDisplay E233 23-inch Monitor (AP Datasheet)

HP EliteDisplay E233 23-inch Monitor (AP datasheet)

Solution brief (1)

More screens, more possibilities

A brief about increasing productivity and efficiency with a multi-monitor setup. Working with multiple monitors-- whether that means two, three, or more--is an easy way to increase your employees' digital workspace and improve the way they work.

Success story (2)





Cannon Design delivers brilliance with HP Z and EliteBook Mobile Workstations




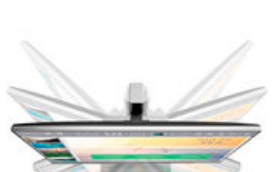
At Yazdani Studio of Cannon Design, a leading architectural firm, customers expect brilliance on the fly. To collaborate with team members, stay productive, and run power-hungry software, the company uses an HP EliteBook Mobile Workstation.

AMP'D Gear creates functional, affordable prosthetic devices on HP Workstations

AMP'D Gear makes performance sporting gear for amputees. Its prosthetics must be highly functional--and affordable. Partners Casey Pieretti and Bill Spracher streamline design, collaborate seamlessly with HP EliteBook Mobile and HP Z800 Workstations.

Images - Product (8)

			
Center facing	Center facing screen	Left facing	Right facing
54 x 41 (jpg) 54 x 41 (png)	54 x 41 (jpg) 54 x 41 (png)	54 x 41 (jpg) 54 x 41 (png)	54 x 41 (jpg) 54 x 41 (png)
100 x 70 (jpg) 96 x 72 (jpg)	100 x 70 (jpg) 96 x 72 (jpg)	100 x 70 (jpg) 96 x 72 (jpg)	100 x 70 (jpg) 96 x 72 (jpg)
96 x 72 (png) 99 x 74 (png)	96 x 72 (png) 99 x 74 (png)	96 x 72 (png) 99 x 74 (png)	96 x 72 (png) 99 x 74 (png)
153 x 115 (png) 180 x 135 (png)	153 x 115 (png) 180 x 135 (png)	153 x 115 (png) 180 x 135 (png)	153 x 115 (png) 180 x 135 (png)
240 x 180 (jpg) 240 x 180 (png)	240 x 180 (jpg) 240 x 180 (png)	240 x 180 (jpg) 240 x 180 (png)	240 x 180 (jpg) 240 x 180 (png)
247 x 185 (png) 170 x 190 (jpg)	247 x 185 (png) 170 x 190 (jpg)	247 x 185 (png) 170 x 190 (jpg)	247 x 185 (png) 170 x 190 (jpg)
257 x 193 (png) 320 x 240 (jpg)	257 x 193 (png) 320 x 240 (jpg)	257 x 193 (png) 320 x 240 (jpg)	257 x 193 (png) 320 x 240 (jpg)
320 x 240 (png) 474 x 356 (png)	320 x 240 (png) 474 x 356 (png)	320 x 240 (png) 474 x 356 (png)	320 x 240 (png) 474 x 356 (png)
513 x 385 (png) 400 x 400 (jpg)	513 x 385 (png) 400 x 400 (jpg)	513 x 385 (png) 400 x 400 (jpg)	513 x 385 (png) 400 x 400 (jpg)
400 x 400 (png) 573 x 430 (png)	400 x 400 (png) 573 x 430 (png)	400 x 400 (png) 573 x 430 (png)	400 x 400 (png) 573 x 430 (png)
800 x 600 (png) 1659 x 1246 (png)	800 x 600 (png) 1659 x 1246 (png)	800 x 600 (png) 1659 x 1246 (png)	800 x 600 (png) 1659 x 1246 (png)

3459 x 2643 (png) 3461 x 2729 (jpg)	1500 x 1900 (jpg) 1557 x 2810 (png) 2706 x 3095 (jpg)	1500 x 1626 (jpg) 3254 x 3200 (png) 3253 x 3272 (jpg)	1500 x 1626 (jpg) 3254 x 3203 (png) 3253 x 3271 (jpg)
			
Center facing horizo	Left profile open	Rear facing	Top view open
54 x 41 (jpg) 54 x 41 (png) 100 x 70 (jpg) 96 x 72 (jpg) 96 x 72 (png) 99 x 74 (png) 153 x 115 (png) 180 x 135 (png) 240 x 180 (jpg) 240 x 180 (png) 247 x 185 (png) 170 x 190 (jpg) 257 x 193 (png) 320 x 240 (jpg) 320 x 240 (png) 474 x 356 (png) 513 x 385 (png) 400 x 400 (jpg) 400 x 400 (png) 573 x 430 (png) 800 x 600 (png) 1659 x 1246 (png) 1500 x 1512 (jpg) 3463 x 3135 (png) 3459 x 3215 (jpg)	54 x 41 (jpg) 54 x 41 (png) 100 x 70 (jpg) 96 x 72 (jpg) 96 x 72 (png) 99 x 74 (png) 153 x 115 (png) 180 x 135 (png) 240 x 180 (jpg) 240 x 180 (png) 247 x 185 (png) 170 x 190 (jpg) 257 x 193 (png) 320 x 240 (jpg) 320 x 240 (png) 474 x 356 (png) 513 x 385 (png) 400 x 400 (jpg) 400 x 400 (png) 573 x 430 (png) 800 x 600 (png) 1659 x 1246 (png) 1500 x 3505 (jpg) 1705 x 3538 (png) 1707 x 3608 (jpg)	54 x 41 (jpg) 54 x 41 (png) 100 x 70 (jpg) 96 x 72 (jpg) 96 x 72 (png) 99 x 74 (png) 153 x 115 (png) 180 x 135 (png) 240 x 180 (jpg) 240 x 180 (png) 247 x 185 (png) 170 x 190 (jpg) 257 x 193 (png) 320 x 240 (jpg) 320 x 240 (png) 474 x 356 (png) 513 x 385 (png) 400 x 400 (jpg) 400 x 400 (png) 573 x 430 (png) 800 x 600 (png) 1659 x 1246 (png) 3268 x 2872 (png) 3269 x 2938 (jpg)	54 x 41 (jpg) 54 x 41 (png) 100 x 70 (jpg) 96 x 72 (jpg) 96 x 72 (png) 99 x 74 (png) 153 x 115 (png) 180 x 135 (png) 240 x 180 (jpg) 240 x 180 (png) 247 x 185 (png) 170 x 190 (jpg) 257 x 193 (png) 320 x 240 (jpg) 320 x 240 (png) 474 x 356 (png) 513 x 385 (png) 400 x 400 (jpg) 400 x 400 (png) 573 x 430 (png) 800 x 600 (png) 1659 x 1246 (png) 4426 x 1596 (png) 4616 x 3044 (jpg)

Videos (1)

HP EliteDisplay E-Series

Search additional assets (Asset Hub)

Search for additional assets

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Cabinets and Stands

Monitor Stands

Active	HP Adjustable Dual Display Stand	AW664AA
Active	HP Integrated Work Center 3 for Small Form Factor	F2P06AA
Active	HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
Active	HP Integrated Work Center Stand for Ultra Slim Desktop and Thin Client	E8H16AA
Active	HP Integrated Work Center Stand for Ultra Slim Desktop and Thin Client	E8H16AT

Notebook and Monitor Stands

Active	HP Adjustable Display Stand	AW663AA
Active	HP Display and Notebook II Stand	E8G00AA

Notebook Stands

Active	HP Hot Desk 2nd Monitor Arm	W3Z74AA
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Cables/Cable Kits/Cable Adapters

PC Cable Options

Active	HP HDMI Standard Cable	T6F94AA
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Graphics Cards

Graphics Connectors/Adapters

Active	HP UHD USB Graphics Adapter	N2U81AA
Active	HP USB Graphics Adapter	NL571AA

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

Active	HP Quick Release Bracket	EM870AA
Active	HP Single Monitor Arm	BT861AA

Security and Protection

PC Locks

Active	HP Business PC Security Lock v2 Kit	N3R93AA
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HP Care Services

Personal Systems Commercial Care Services

Active	HP 1 year Post Warranty 4 hour 24x7 Large Monitors Hardware Support	UB181PE
Active	HP 1 year Post Warranty Next business day Onsite Large Monitor Hardware Support	U4926PE
Active	HP 3 year 4 hour 9x5 Large Monitors Hardware Support	U8321E
Active	HP 3 year 8 hour 9x5 Onsite Monitor Hardware Support	UC505E
Active	HP 4 year 4 hour 9x5 Large Monitors Hardware Support	U8322E
Active	HP 4 year Next business day Large Monitor Hardware Support	U7936E
Active	HP 5 year 4-hour Response 9x5 Onsite Large Monitor Hardware Support	U8323E
Active	HP 5 year Next Business Day Onsite Large Monitor Hardware Support	U7937E

Detailed Specifications

Aspect ratio

16:9

Brightness

250 cd/m²

Brightness (typical) footnote number

[1]

Certifications and compliances

BSMI; CB; CCC; CE; CEL; cTUVus; ErP; FCC; ICES; ISC; ISO 9241-307; Mexico CoC; MSIP; RCM; S-mark; SmartWay Transport Partnership - NA only; TUV-GS; VCCI; WEEE; KC; KCC; PSB; EAC; Vietnam MEPS; Australian-New Zealand MEPS

Code name

Tessio

Contrast ratio

1000:1 static; 5000000:1 dynamic

Contrast ratio footnote number

[1]

Copyright notice

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Datasheet publication number

4AA7-0478EEAP

Dimensions (W x D x H)

52.1 x 4.47 x 31.17 cm

Dimensions (W x D x H) Note

Without stand

Dimensions With Stand (W x D x H)

52.1 x 21.8 x 45.79 cm

Display area (metric)

50.92 x 28.64 cm

Display features

Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable

Display Input Type

1 VGA; 1 HDMI 1.4 (with HDCP support); 1 DisplayPort™ 1.2 (with HDCP support)

Display size (diagonal)

58.42 cm (23")

Display type

IPS w/LED backlight

Energy efficiency

EPEAT® Gold; ENERGY STAR® certified

Environmental

Arsenic-free display glass; Mercury-free display backlights; Low halogen

External I/O ports footnote number

[1]

Feature supporting point footnote number

[3]

Feature supporting point footnote

number
[4,5]

**Feature supporting point footnote
number**
[6]

**Feature supporting point footnote
number**
[7]

Image legal disclaimer
Product image may differ from actual product

Legal disclaimer [01]
[3] 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.

Legal disclaimer [02]
[4] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Legal disclaimer [03]
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Legal disclaimer [04]
[6] Each sold separately.

Legal disclaimer [05]
[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.

Onscreen controls
Brightness; Color Control; Contrast; Exit; Image Control; Information; Input Control; Language; Management; Menu; Minus ("-"); OK; Plus ("+"); Power Control

Operating humidity range
25 to 85% RH

Operating temperature range
41 to 95°F

Operating temperature range
5 to 35°C

Physical security
Security lock-ready (lock is sold separately)

Pixel pitch
0.265 mm

Ports
3 USB 3.0 (one upstream, two downstream)

Power
Input voltage: 100 to 240 VAC

Power consumption
36 W (maximum), 19 W (typical), 0.5 W (standby)

Product color
Black

Product long name specifications
HP EliteDisplay E233 23-inch Monitor; FHD (1920 x 1080)

Resolution (native)

FHD (1920 x 1080 @ 60 Hz)

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

Response time

5 ms on/off

Response time footnote number

[1]

Sales office and telephone number

Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070 ; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg: (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Middle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 565 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products); Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20 or 800 49 10; Ukraine: +380 44 490 61 20 ; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00

Services (Care Pack)

Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.

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

Tilt and swivel angle

Tilt: -5 to +23°; Swivel: ±45°; Pivot rotation: 90°; Height: 150 mm

Trademark information

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UNSPSC code

43211902

VESA mount

100 mm

View angle

178° horizontal; 178° vertical

Warranty

3 years parts and labour limited warranty.

Weight

5.8 kg

Weight note (metric)

With stand

What's in the box

Monitor; AC power cord; VGA cable; USB cable (Type A male to Type B male); DisplayPort™ 1.2 cable; CD (includes user guide, warranty, drivers); HP Display Assistant

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