HP EliteDisplay E232 23-inch Monitor

Work smart and comfortably with the HP EliteDisplay E232 23-inch Monitor, a large-screen Full HD IPS display with Elite-class presentation features and ergonomic adjustability for everything you do every day.

Put every detail on display.

- Enjoy sharp Full HD resolution for all your projects and collaborate easily with colleagues around the room with 178-degree viewing angles from IPS technology. The large 23-inch diagonal screen gives you plenty of room for your open applications.

Find your perfect fit.

- Create the view that's right for you and boost your productivity with adjustable tilt and swivel and an impressive 150 mm height adjustment range. Use pivot rotation to customize portrait or landscape views.
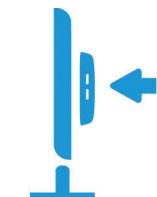
Convenient connections.

- Connect to your choice of PC or device with HDMI, DisplayPort, VGA, and USB inputs. Keep your frequently-used devices right where you need them with USB connections at the display.

- Attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind the display.[1] Keep things tidy with an integrated power supply and cable management features.

- Get an intelligent, energy-efficient design that is ENERGY STAR® certified, EPEAT® Gold registered[2], and meets TCO Certified Edge requirements with 85% Post-Consumer Recycled plastics.

- Design the screen for how you work with HP Display Assistant software.

- Customize a complete solution with HP accessories.[3] Use the HP Speaker Bar for audio, an HP Single Arm to take the display off the desk, or an HP USB Graphics Adapter for multi-monitor[3] setups. Go stand-less with the head-only model.[4]

- Get three years of service and support, and extend your protection with optional HP Care Packs.[5]

Ergonomic Display

1080p

Displayport, HDMI, VIGA

Efficient Workspace

HP EliteDisplay E232 23-inch Monitor Specifications Table

Product Number	M1N98AA
	N2Q02AA, Head Only
Display Size (diagonal)	23"
Display Type	IPS w/LED backlight
Panel Active Area	20.046 x 11.276 in; 509.184 x 286.416 mm
Viewing Angle	178° horizontal; 178° vertical
Brightness	250 cd/m² [1]
Contrast Ratio	1000:1 static; 5000000:1 dynamic [1]
Response Time	7 ms gray to gray [1]
Aspect Ratio	16:9
Native Resolution	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; 640 x 480
Display Features	Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable
User Controls	Menu; Function ; Power
Input Signal	1 VGA; 1 HDMI (with HDCP support); 1 DisplayPort 1.2 (with HDCP support);
Ports and Connectors	3 USB 2.0 (two downstream and one upstream)
Input Power	Input voltage: 100 to 240 VAC
Power Consumption	35 W (maximum), 28 W (typical), 0.5 W (standby)
Dimensions without Stand (W x D x H)	21.64 x 1.95 x 13.27 in 54.93 x 4.96 x 33.69 cm Without stand
Weight	12.56 lb (with stand); 8 lb (without stand) 5.7 kg (with stand); 3.63 kg (without stand)
Ergonomic Features	Tilt: -5° to +25°; Swivel: 45°; Pivot rotation: 90°
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen [2]
Energy Efficiency Compliance	ENERGY STAR® certified
What's in the box	Monitor; AC power cord; VGA cable; DisplayPort cable; USB cable; CD (includes User Guide, warranty, drivers)

See important legal disclaimers on the last page

Accessories and services (not included)

HP PC Mounting Bracket for Monitors		Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind select HP Z Displays and EliteDisplays. **Product number: N6N00AA**
HP Desktop Mini Security/Dual VESA Sleeve		Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve to securely mount your PC behind your display, position your solution on a wall, and lock it down with the optional HP Ultra-Slim Cable Lock. **Product number: G1K22AA**
HP Single Monitor Arm		The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work. **Product number: BT861AA**
HP Adjustable Dual Display Stand		The HP Adjustable Dual Display Stand allows you to use two displays to maximize your productivity and optimize efficiency. Either or both displays can be rotated to landscape or portrait orientation, and the stand is depth-, height- , tilt-, and angle-adjustable so you can view both screens at eye-level as well as slightly facing each other, letting you track multiple applications and information sources at the same time. Integrated base rollers let you rotate the stand so you can more easily share your work. **Product number: AW664AA**
HP LCD Speaker Bar		The LCD Speaker Bar seamlessly attached to the bezel of the HP Business Monitor and provides full multimedia capabilities. **Product number: NQ576AA**
HP UHD USB Graphics Adapter		Boost your productivity by extending or mirroring your desktop to a UHD display with the HP UHD USB Graphics Adapter. **Product number: N2U81AA**
HP 4 year Next business day Exchange Large Monitor Service		Support Exchange Service offers a reliable and fast exchange service for eligible HP products. Specifically targeted at products that can easily be shipped and on which customers may easily restore data from backup files, HP Hardware Support Exchange Service is a cost-efficient but still convenient alternative to onsite support. HP Hardware Support Exchange Service provides a replacement product or part to be delivered free of freight charges to your location within a specified period of time. Replacement products or parts are new or equivalent to new in performance. **Product number: U0J12E**

Messaging Footnotes

[1] Requires HP PC Mounting Bracket for Monitors, sold separately. See product QuickSpecs for exact PC and thin client compatibility.
[2] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.
[2] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[3] Each sold separately.
[4] Sold separately. Availability varies by region.
[5] 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.

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HP L5015tm Touch Monitor

Add a little touch to your business.

(M1F94AA)

Complete your desktop solution with the HP L5015tm Touch Monitor, a durable, interactive touchscreen display in a sleek, thin form factor that integrates easily into your point of sale (POS), hospitality, educational, banking, manufacturing, and kiosk environments.

Slim, compact design
Deploy the monitor wherever you need an interactive solution. The small, thin footprint fits in a range of settings, and the stand can be removed for wall-mount setups.[1] Save space and money by eliminating the need for a separate keyboard and mouse.

Efficient, durable touch
Interact with the screen with a pen, credit card, finger or fingernail. The Acoustic Pulse Recognition (APR) technology identifies screen taps by sound. The sturdy design is a damage-resistant alternative to earlier film-coated display screens.

Ample visuals
Keep working with your familiar, established, business-specific applications on the 15-inch diagonal screen that has a 1024 x 768 native resolution[2] and familiar 4:3 aspect ratio.

Global reassurance
Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection beyond the standard limited warranties, select optional HP Care Pack Services.[3]

HP L5015tm Touch Monitor

Specifications

Part number	M1F94AA
Diagonal size	15-inch
LCD technology	Active matrix TFT LCD with LED backlighting
Aspect ratio	4:3
Active display area	228.1 x 304.1 mm (8.98 x 11.97 in)
Native Resolution	1024 x 768
Colors	16.2 million with FRC technology
Brightness (typical)	with APR touch: 225 nits
Response time	16 msec
Viewing angle (typical)	Horizontal: +/-80° or 160° total Vertical: +/-70° or 140° total
Contrast ratio (typical)	700:1
Dimensions (HxWxD) **Dimensions (with stand)**	416 x 228 x 455 mm (16.4 x 9.0 x 17.9 inches) 319 x 197 x 358 mm (12.5 x 7.8 x 14.1 inches)
Weight	Unpackaged: 4.3 kg/9.5 lb Packaged: 7.3 kg/16.0 lb
Tilt	-5° to +70° from vertical
Touch interface	USB 2.0
Power supply	Internal AC; optional external DC brick
Temperature	Operating: 32°F to 104°F (0°C to 40°C) Storage: -4°F to -140°F (20°C to 60°C)
Humidity	Operating: 20%-80% Storage: 10%-90%
Operating system compatibility	Windows Embedded 8.1 Industry Pro Retail (32/64-bit) Windows 8.1 Professional (32/64-bit) Windows 7 Professional (32/64-bit) Windows Embedded POSReady 7 (32/64-bit)
Mounting option	75 X 75 VESA mount
Option kit contents	HP L5015tm Touch Monitor, USB 2.0 cable, Power cable, VGA cable, VESA Mounting Adapter, and HP Retail System Software and Documentation CD
Service and support[3]	Your HP Peripheral Limited Warranty is a three (3) year parts replacement warranty. Optional HP Care Packs are available to extend your protection beyond the standard limited warranty.

1. Mounting hardware 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. 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 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.

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- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services
- Legacy is one of the best repair facilities in North America

Discontinued product sourcing
- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services
- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

Dedicated client account team
- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services
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