

Overview

HP EliteDisplay S240n 23.8-in Micro Edge Monitor



1. Power LED



- | | |
|---------------------|----------------------------|
| 1. Menu button | 6. DisplayPort 1.2 |
| 2. (+) Plus button | 7. HDMI 1.4 |
| 3. (-) Minus button | 8. USB Type-C™ port |
| 4. Ok button | 9. Power adapter connector |
| 5. Power button | 10. Security lock slot |

Overview

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Take your visual experience over the edge with HP's first business display that is virtually borderless on all four sides, the HP EliteDisplay S240n 23.8-in Micro Edge Monitor.

Key features:

- Behold a breathtaking, continuous view with barely-there breaks when you tile multiple micro-edge displays together.
- Get a lean, clean workspace with a single USB-C™ cable connection to your PC, notebook, tablet or phone.
- See every brilliant detail in Full HD from almost anywhere in the room with wide-angled IPS.
- Connect your digital devices right to the display with DisplayPort™ 1.2 and HDMI in addition to the USB-C™.
- Be energy-smart when you deploy a design that is ENERGY STAR® certified and EPEAT® Gold registered.¹
- Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by deactivating a display that's disconnected without approval.
- Rest assured that your IT investment is supported by a one-year standard limited warranty.

1. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status in your country.

Technical Specifications

Models: W9A88AA, W9A88A8, W9J61AA

Panel	Type	23.8-in diagonal IPS w/LED backlight
	Viewable Image Area (diagonal)	60,44 cm (23.8 in) widescreen; diagonally measured
	Panel Active Area (W × H)	52,7 x 29,65 cm (20.74 x 11.67 in)
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	250 cd/m ²
	Contrast Ratio (Typical)	1000:1 Static; 10,000,000:1 Dynamic (DCR)
	Response Times*	14 ms (on/off); 7ms (gray to gray with overdrive)
	Pixel Pitch	0.2745 mm
	Pixels Per Inch (PPI)	92
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Production	Can display up to 16.7 million colors (true 8-bit panel)
	Color Gamut (Typical)	99% sRGB

* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

User Controls	Buttons or Switches	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Power
	User Programmable Modes	10
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information
Signal Interface/ Performance	Horizontal Frequency	30–90 kHz
	Vertical Frequency	48–75 Hz
	Native Resolution	1920 x 1080 @60 Hz
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz
		720 x 480 @ 60 Hz
800 x 600 @ 60 Hz		
1024 x 768 @ 60 Hz		
1280 x 720 @ 60 Hz		
	1280 x 1024 @ 60 Hz	
	1440 x 900 @ 60 Hz	
	1600 x 900 @ 60 Hz	
	1680 x 1050 @ 60Hz	
	1920 x 1080 @ 60Hz	

Technical Specifications

	Maximum Pixel Clock Speed	180 MHz	
	Anti-Glare	Low Haze	
Video/Other Inputs	Plug and Play	Yes	
	Input Connectors	1 HDMI 1.4 1 DisplayPort 1.2 HDCP support on all inputs	
	USB	1 USB Type-C™ (DisplayPort 1.2, Power Delivery up to 60 W)	
	Cables Included	1 HDMI 1,8 m (5.9 ft)* 1 DisplayPort 1,8 m (5.9 ft)* 1 USB Type-C™ 1,8 m (5.9 ft)* *Included cables may vary by country.	
Power	Power Supply	External	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	105 W	
	Typical Power	40 W	
	Energy Saving /Standby Mode	0.5 W	
	Power Cable Length	1,9 m (6.2 ft)	
Mechanical	Dimensions (W × D × H)	Unpacked w/stand (lowest setting)	53,98 x 14,5 x 38,76 cm (21.25 x 5.7 x 15.25 in)
		Unpacked w/o stand (head only)	53,98 x 3,5 x 31,19 cm (21.25 x 1.37 x 12.28 in)
		Packaged	62 x 13,1 x 40 cm (24.41 x 5.16 x 15.75 in)
	Weight	Head Only	3,16 kg (7.0 lbs)
		Unpacked	3,7 kg (8.2 lbs)
		Packaged	6,7 kg (14.8 lbs)
Ergonomic Features	Detachable Stand	Yes, ships detached	
	Tilt Range	-5° to + 25° degrees	
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	0 to 5,000 m (0 to 16,404 ft)	
	Altitude - Non-operating	0 to 12,192 m (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	

Technical Specifications

Arsenic-Free Display Glass Yes

Low Halogen¹ Yes (except cables)

Mercury-Free Display Backlighting Yes

Eco-Label Certifications & declarations

This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration
- US ENERGY STAR®
- TCO or TCO Certified Edge
- EPEAT® < Gold > registered in the United States. See <http://www.epeat.net> for registration status in your country

Energy Consumption (in accordance with US ENERGY STAR® test method)

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	16.49 W	16.67 W	16.51 W
Sleep	0.44 W	0.45 W	0.43 W
Off	0.27 W	0.31 W	0.28 W

Heat Dissipation*

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	56 BTU/hr	57 BTU/hr	56 BTU/hr
Sleep	2 BTU/hr	2 BTU/hr	1 BTU/hr
Off	1 BTU/hr	1 BTU/hr	1 BTU/hr

*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Additional Information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- This product is in compliance with the IEEE 1680 (EPEAT) standard at the <gold> level, see www.epeat.net
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 0% post-consumer recycled plastic (by wt.)
- This product is 98.6% recycle-able when properly disposed of at end of life.

Packaging Materials

External:	PAPER/Corrugated	670 g	
	PAPER/Paperboard	20 g	
	PAPER/Paper	34 g	
	COMPOSITE/paper/carton+plastic	3 g	
	Internal:	PLASTIC/Other	1 g
		PLASTIC/Polyethylene high density – HDPE	28 g
		PLASTIC/Polystyrene Expanded - EPS	218 g
PLASTIC/Polyester - PET		14 g	

RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels

Technical Specifications

Material Usage

below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at <http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf>):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBEBs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Technical Specifications

Hewlett-Packard Corporate Environmental Information	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</p> <p>Eco-label certifications http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html</p> <p>ISO 14001 certificates: http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</p>
Options	<p>HP Single Monitor Arm—Part number BT861AA The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.</p> <p>HP LCD Monitor Quick Release — Part number EM870AA² An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.</p> <p>HP USB Graphics Adapter—Part number NL571AA Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.</p> <p>HP Business PC Security Lock v2 Kit—Part number N3R93AA Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.</p>
What's in the box?	<p>Monitor and Accessories HP EliteDisplay S240n 23.8-in Micro Edge Monitor, AC power cord (1.9 m) 6.2 ft, External Power Supply (150W), HDMI cable (1.8m) 5.9 ft*, DisplayPort cable (1.8m) 5.9 ft*, USB Type-C™ cable (1.8m) 5.9 ft*, VESA bracket *Included cables may vary by country.</p> <p>Documentation CD (includes user guide, warranty, drivers)</p> <p>Software HP Display Assistant</p>
Other	<p>User Guide Languages English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.</p> <p>Warranty Languages English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.</p> <p>Color Bezel – N/A (micro bezel), Stand Arm- Natural, Base - Black</p> <p>VESA Mounting VESA mounting via included 100mm x 100mm VESA Bracket</p> <p>Security Lock-Ready Yes</p> <p>Country of Origin China</p>
Certification and Compliance	<p>TCO Certified, Microsoft WHQL Certification (Windows 7, Windows 8 and Windows 10), ENERGY STAR® Qualified, EPEAT® Gold³, CEL Grade 2, CE, CB, MSIP, ICES, CCC, CECP, SEPA, EPA, ISC, VCCI, FCC, Taiwan: BSMI, ISO9241-307, Mexico CoC, cTUVus, EAC, RCM, Ukraine, Morocco, WEEE, Vietnam MEPS.</p>
Compatibility	<p>Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.</p>

Technical Specifications

Service and Warranty

Protected by an HP standard one-year limited warranty (varies by region). Certain restrictions and exclusions apply. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.⁴

1. Power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.
3. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status in your country.
4. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See <http://www.hp.com/go/cpc> for details.

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