QuickSpecs

Overview

HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor
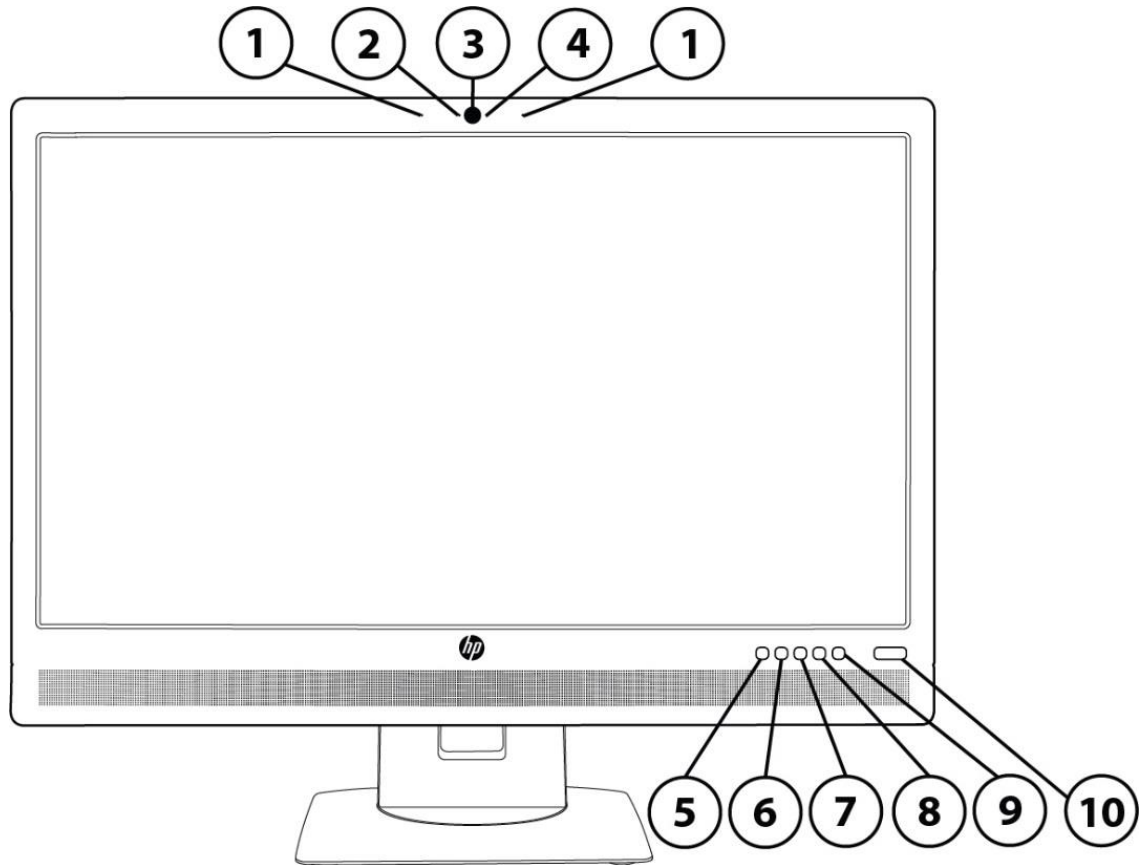
1. Microphone (2)	**6.** Volume control (increase)
2. Webcam LED	**7.** Volume mute
3. Lens cover	**8.** Microphone mute
4. Webcam	**9.** Telephone connect
5. Volume control (decrease)	**10.** Power button
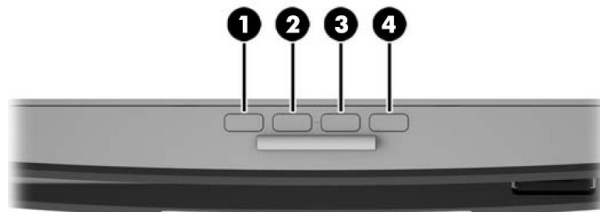
On-screen display controls

1. Menu	**3.** Plus (+)
2. Minus (-)	**4.** OK
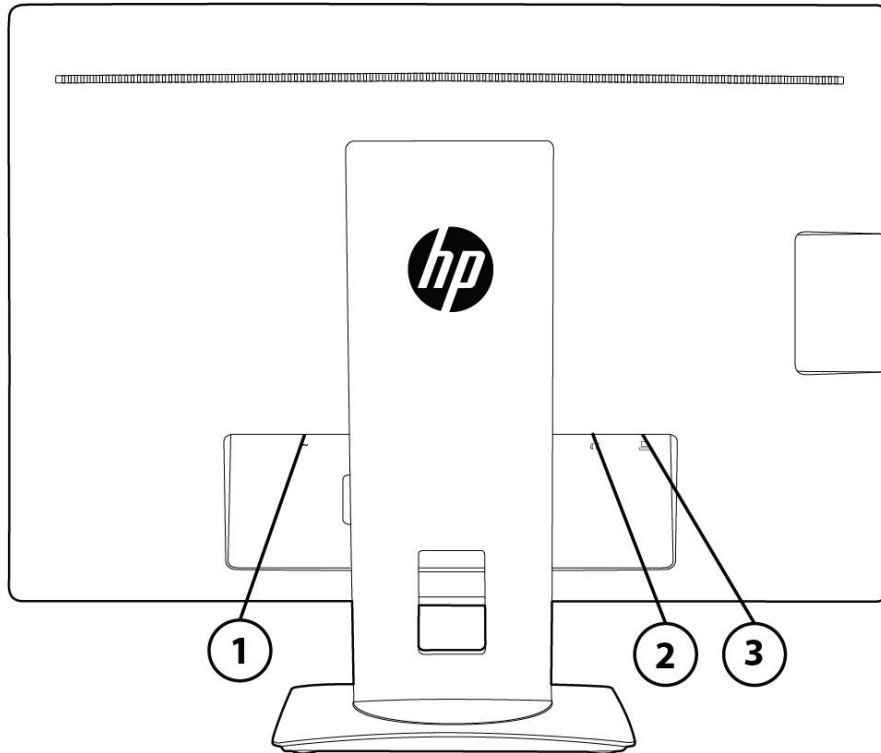
Overview

1. Power input
2. Audio line in connector

3. USB 2.0 upstream

1. USB 2.0 ports

2. Headphone connector

Overview

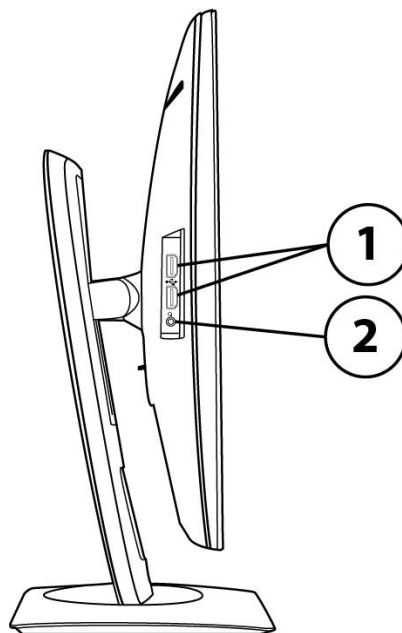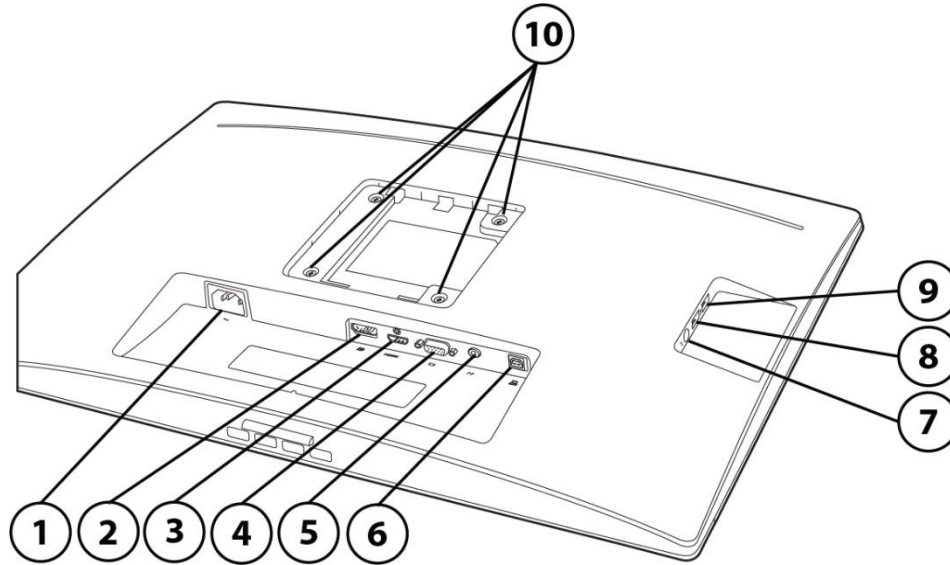|			
1.	Power connector	**6.**	USB 2.0 upstream connector
2.	DisplayPort 1.2 connector	**7.**	Headphone connector
3.	HDMI connector	**8.**	USB connector
4.	VGA connector	**9.**	USB connector
5.	Audio line in connector	**10.**	VESA industry standard 100 mm mounting holes

Overview

Overview

Comfortably connect and collaborate with the HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor, a one-stop communications hub[1] that's also a TCO Certified Edge, Full HD display Certified for Windows 10.

Key features:

- Meet with colleagues and clients in real-time with a Certified for Skype for Business display that has an HD webcam, microphone, and digital audio.[1]
- Place a call, adjust the volume, and put yourself on mute with easy-access bezel buttons.
- Create your ideal workspace with adjustable, height, tilt, and swivel settings.
- Navigate easily across all your windows and enjoy crisp, clear color on the 23.8-inch diagonal Full HD screen with wide-angle IPS technology.
- Complete your collaboration solution with an HP accessory designed to maximize the latest communication technologies.[2]
- Attach your HP PC or select HP Thin Client directly behind the display.[3]
- Connect the display to your PC or notebook and experience all Windows 10 has to offer.
- Connect to a range of PCs and devices with HDMI, DisplayPort, VGA, and USB inputs.
- Get an intelligent, energy-efficient design that is ENERGY STAR® certified, EPEAT® Gold registered[4], and meets TCO Certified Edge requirements with 85% Post-Consumer Recycled plastics.
- Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by deactivating a monitor that's disconnected without approval.
- Get three years of service and support, and extend your protection with optional HP Care Packs.[5]

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

QuickSpecs

Technical Specifications

Models:

M1P00AA- HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor

Panel		
	Type	23.8 inch IPS with LED backlight
	Viewable Image Area (diagonal)	**60,45 cm** (23.8-inch) widescreen; diagonally measured
	Panel Active Area (W × H)	**52,7 x 29,6 cm** (20.74 x 11.67 in)
	Resolution	1920 x1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	250 cd/m²
	Contrast Ratio (Typical)	1000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	7 ms gray to gray
	Pixel Pitch	0.2745 x 0.205 mm
	Pixels Per Inch (PPI)	92.559
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Support	Up to 16.7 million colors with the use of FRC technology
	Color Gamut (Typical)	72%

* 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	**Collaboration Controls** (front bezel)	Volume -, Volume +, Volume mute, Microphone mute, Telephone connect, Power button
		OSD Controls	Menu, Minus ("-"), Plus ("+"), OK
	User Programmable Modes	Yes, 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 -80 kHz
	Vertical Frequency	50 – 60 Hz
	Native Resolution	1920 x1080 @ 60 Hz
		Note: The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz and include 1VGA output, 1 DisplayPort output, and 1 HDMI output to drive the monitor at the Preferred Mode.
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz

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		1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 1024 @ 60 Hz 1280 x 800 @ 60Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60Hz	
	Maximum Pixel Clock Speed	170 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input Connectors	1) DisplayPort 1.2a, (1) HDMI 1.3, (1) VGA HDCP support on DisplayPort and HDMI	
	USB	(3) USB 2.0 (Two downstream and one upstream)	
	Cables Included	(1) DisplayPort **1,8 m** (5.9 ft) ; (1) VGA **1,8 m** (5.9 ft); (1) USB **1,8 m** (5.9 ft)	
	Audio	(1) Audio input	
Multimedia	**Webcam**	720p integrated HD with dual microphones and LED	
	Speakers	Internal 2 W per channel speakers	
Power	**Power Supply**	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	43 W	
	Typical Power	33 W	
	Sleep Power	0.5 W (standby)	
	Power Cable Length	**1.9 m** (6.2 ft)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked w/stand**	**56,39 x 18,9 x 52,12 cm** (22.2 x 7.4 x 20 in)
		Unpacked w/o stand (head only)	**56,39 x 4,91 x 38,39 cm** (22.2 x 1.93 x 15.1 in)
		Packaged	**65,5 x 22,6 x 46,8 cm** (25.79 x 8.90 x 18.4 in)
	Weight	**Head Only**	**4 kg** (8.8 lb)
		Unpacked with stand	**6,3 kg** (13.9 lb)
		Packaged	**7,8 kg** (17.2 lb)
Ergonomic Features	**Detachable Stand**	Yes, ships detached	
	Height Adjustment	Yes, 150 mm	
	Tilt Range	-5° to +25°	
	Swivel	±45°	
	Pivot	N/A	

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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 16,400 ft)
	Altitude – Non-operating	**0 to 12,192 m** (0 to 40,000 ft)
	White LED Backlights	Yes
	CCFL Panel	No
	Arsenic-Free Display Glass	Yes
	Low Halogen[1]	Yes
	Mercury-Free Display Backlighting	Yes, Mercury-free LED backlighting
Options (sold separately)	**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.
	HP LCD Monitor Quick Release — Part number EM870AA[4]	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.
	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.
	HP PC Mounting Bracket for Monitors— Part number N6N00AA	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.
	HP Dual Output USB Graphics Adapter – Part Number C5U89AA	You can boost your productivity by creating a dual-monitor setup with the HP Dual Output USB Graphics Adapter – featuring both DVI-I and DisplayPort inputs to drive displays at high resolutions through a single USB 3.0 connection to your PC.
What's in the box?	**Monitor and Accessories**	HP EliteDisplay E240c 23.8-inch Video Conferencing Monitor AC power cord **1,9 m** (6.2 ft) VGA cable **1,8 m** (5.9 ft) DisplayPort cable **1,8 m** (5.9 ft) USB cable **1,8 m** (5.9 ft)
	Documentation	CD (includes user guide, warranty, drivers, software)
	Software	HP Display Assistant and Cyberlink YouCam.

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Other	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.
	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.
	Color	Black Bezel and Rear Cover; Silver Stand
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China

Certification and Compliance	TCO Certified Edge, CEL Grade 1, Microsoft WHQL Certification (Windows 10, Windows 8.1 and Windows 7), ENERGY STAR® Qualified, EPEAT® Gold[2], CE, CB, KC, KCC, NOM, PSB, ICE, TUV-S, ISO 9241-307, EAC, UL, CSA, PSB, ISC, CCC, CECP, SEPA, ISC, VCCI, FCC, BSMI, Vietnam MEPS, Australian-New Zealand MEPS, WEEE
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty	Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.[3]

Environmental Data

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 6.0 / 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	17.6 W	17.6 W	17.7 W
Sleep	0.26 W	0.33 W	0.26 W
Off	0.17 W	0.23 W	0.17 W

Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	60 BTU/hr	60 BTU/hr	61 BTU/hr
Sleep	1 BTU/hr	1 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.

Technical Specifications

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 51.6 % post-consumer recycled plastic (by wt.)
	• This product is 99.5 % recycle-able when properly disposed of at end of life.

Packaging Materials

External:	PAPER/Paper	470 g
Internal:	PLASTIC/EPS (Expanded Polystyrene)	456 g
	PLASTIC/EPE-Expanded Polyethylene	30 g
	PLASTIC/Other plastics unknown	3 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 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).

Technical Specifications

Material Usage

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 (PBBEs)
- 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	For more information about HP's commitment to the environment:
	Global Citizenship Report
	http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html
	Eco-label certifications
	http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html
	ISO 14001 certificates:
	http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html

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ENERGY STAR is a registered mark owned by the U.S. government. All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

1. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.
3. 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.
4. 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.

Change Log

Change Log	
From v1 to v2 10/16/2015	
Changed	"HP UHD USB Graphics Adapter" to "HP Dual Output USB Graphics Adapter".
Added	Environmental Data Specs
From v2 to v3 1/11/2016	
Changed	Remove My Room from software options.
From v3 to v4 10/06/2016	
Updated	Added Windows 10 certification