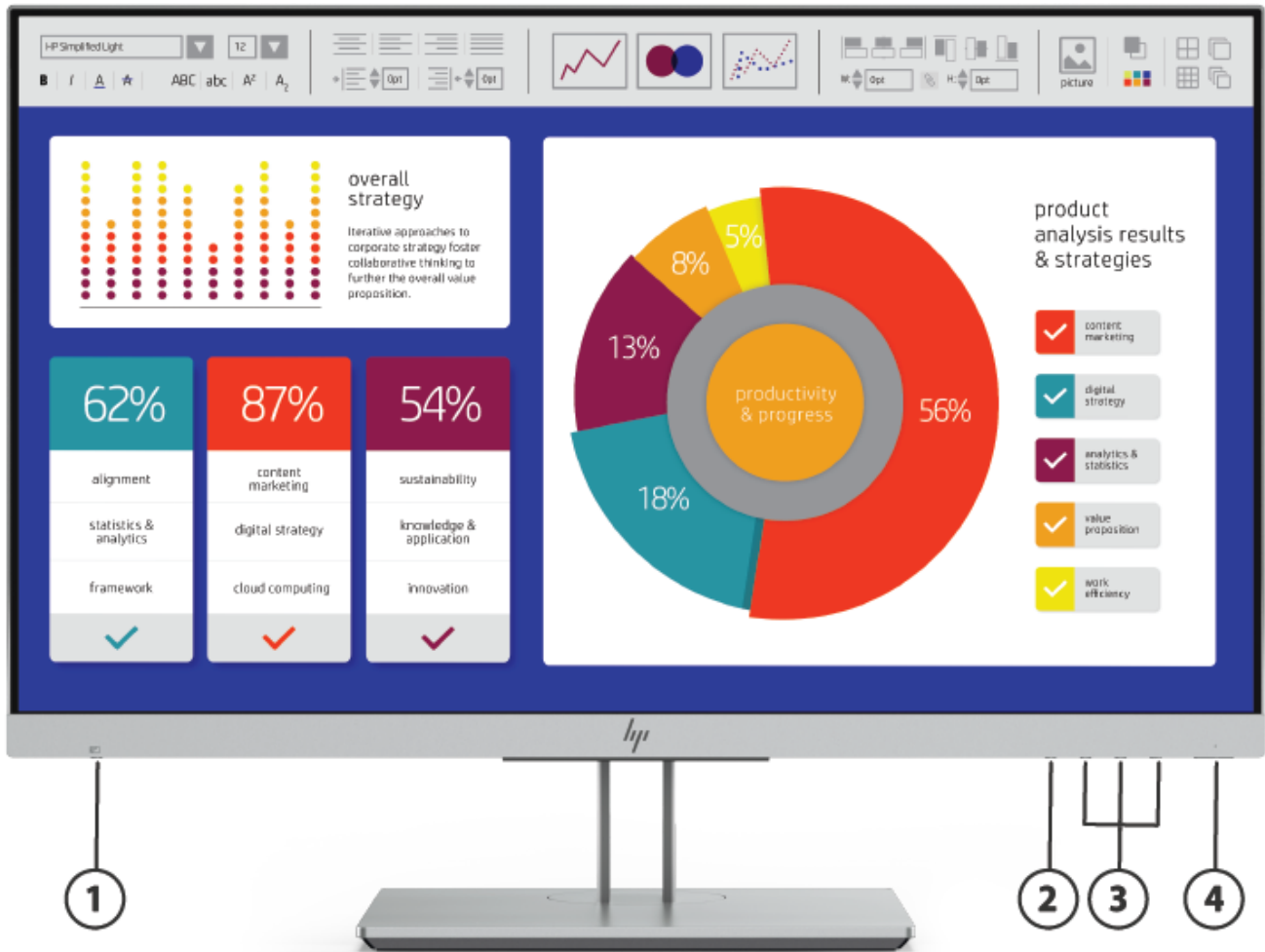*Technical Specifications*

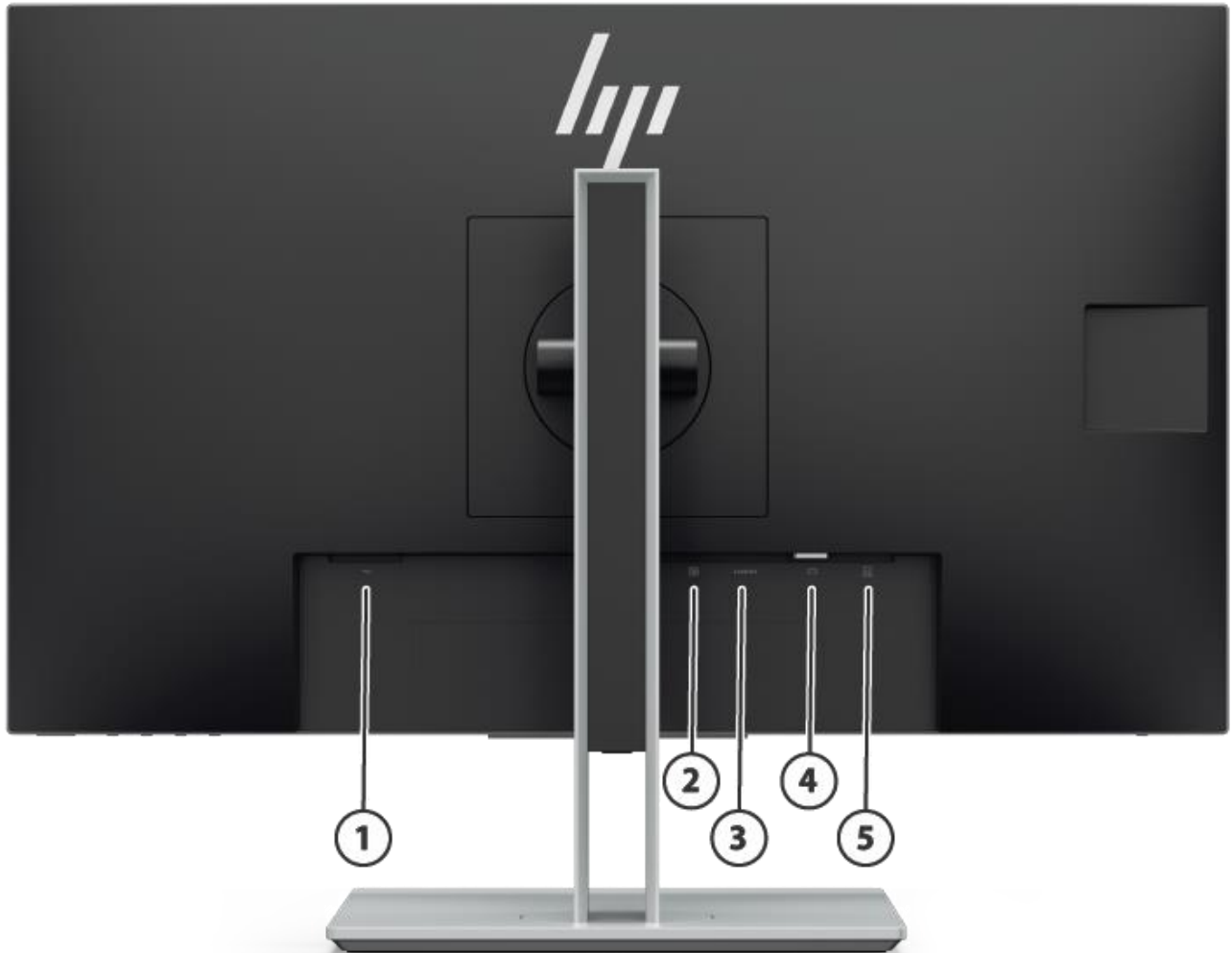## HP EliteDisplay E243p 23.8-inch Monitor

Front

1. HP Sure View On/Off Button
2. Menu Button
3. Function Buttons
4. Power button (With power light)

Technical Specifications

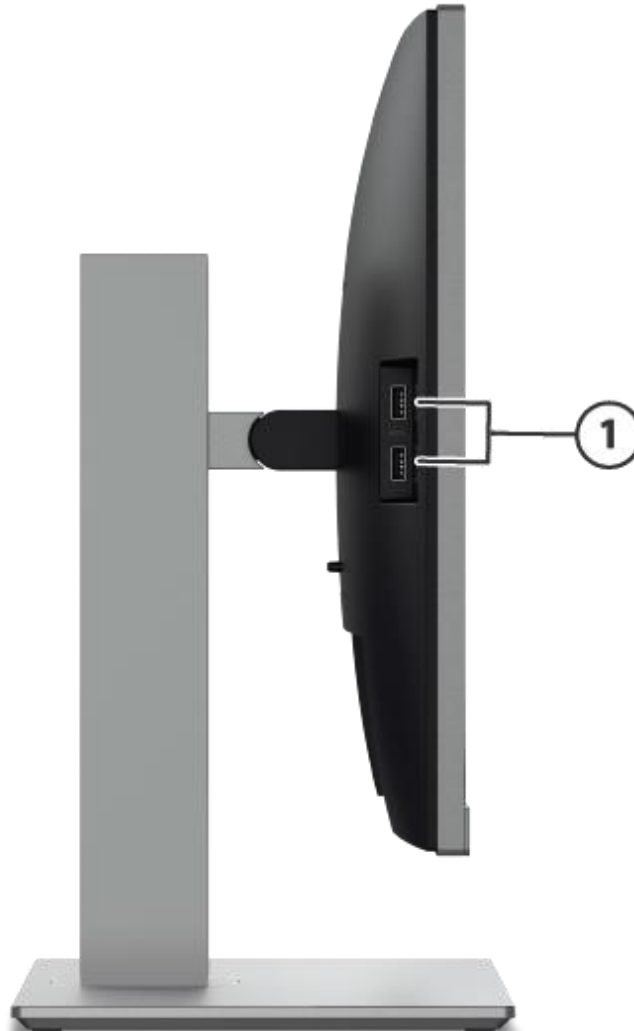## HP EliteDisplay E243p 23.8-inch Monitor

Back

1. Power Connector
2. DisplayPort™
3. HDMI Port

4. VGA Port
5. USB 3.0 Upstream

QuickSpecs

Technical Specifications

HP EliteDisplay E243p 23.8-inch Monitor

Side View

1. USB 3.0 Downstream

Technical Specifications

HP EliteDisplay E243p 23.8-inch Monitor

Sure View

Technical Specifications

Model: 5FT13AA

Panel Specifications	Display Size (Diagonal)	60.45 cm (23.8")
	Display Panel Type	Dynamic Privacy
	Display Area (imperial)	20.75 x 11.67 in
	Display Area (metric)	52.7 x 29.64 cm
	Display Features	Anti-glare; BrightView Panel; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; Anti-static; Low Haze; Privacy mode switch
	Display Input Type	1 VGA; 1 HDMI 1.4 (with HDCP support); 1 DisplayPort™ 1.2 (with HDCP support)
	Display Pixel	0.2745 mm
	Display Size (diagonal)	60.45 cm (23.8")
	Display Tilt & Swivel Range Description	Tilt: -5 to +22°; Swivel: ±45°; Pivot rotation: 90°; Height: 150 mm
	Display Type	IPS w/LED backlight
	Display Viewing Angle	178° horizontal; 178° vertical (Sharing mode)
	Micro-Edge Bezel	Yes, 3-sided
	Curved Panel	No
	Native Resolution*	FHD (1920 x 1080 @ 60 Hz)
	Panel Bit Depth	8-bit
	Aspect Ratio	16:9
	Brightness – Typical[1]	Sharing mode: 260 nits Privacy mode: 180 nits
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Flicker Free	Yes
	Pixel Pitch	0.2745 x 0.2745 mm
	Pixels Per Inch (PPI)	93
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	GTG 14ms
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	527.04 x 296.46mm
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz
	Maximum Resolution	1920 x 1080 @ 75 Hz (FHD)
	Recommended Resolution	1920 x 1080 @ 60 Hz (FHD)
	Vertical Scan Range	50 - 60 Hz
	Horizontal Scan Range	30 - 80 kHz
	Variable Sync Support	Yes

Technical Specifications

	Default Color Temperature	Standard (6500K)
	Maximum Pixel Clock Speed	170MHz
Color Gamut Coverage	**NTSC**	72% (CIE 1976)
Color Management	**Factory Color Calibrated**	Yes
	Factory Color Presets	Low Blue Light, Night, Reading, Warm (5000K), Neutral (6500K), Cool (9300K), Native, Custom SRGB
	Color Space / Subsampling Support	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	Default Color Temperature	Neutral (6500K)
	Low Blue Light Modes	Yes
Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Black
	Plug & Play	Yes
	Tilt	Yes, −5° to +22°
	Swivel	Yes, −45° to +45°
	Pivot	Yes, −90° to +90°
	Height Adjustment Range	Yes, 29.3~150 mm (when tilt+22°)
	VESA Mounting	Yes, 100 mm with VESA bracket included
	Warranty	3/3/3 INDIA 3/3/0 NA, TWN, ANZ, PRC, JPN, VIET, THAI, EMEA
On Screen Display (OSD)	**On Screen Display User Controls**	Brightness, Color, Image, Input, Power, Menu, Management, Information
	User Programmable Modes	Yes, 20
	Monitor Control Buttons or Switches	Joy stick control
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	**DisplayPort™**	1
	HDMI	1
	VGA	1
	HDCP support	Yes, (DisplayPort and HDMI)
USB Port Specifications	**USB Version**	3.1
	USB Hub	Yes
	Downstream Ports	2
	Upstream Ports	1
	Fast Charging USB Ports	No
	Power Output Maximum	1.8W
Power and Operating Specs	**Power Supply**	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption - Maximum	55W
	Energy Saving/Standby Mode	0.5W
	Power Consumption - Typical	40W
	Power cable length	1.9 m
Energy Star Data	**Operational Mode at 100 VAC**	15.47W
	Operational Mode at 115 VAC	15.48W
	Operational Mode at 230 VAC	15.54W

Technical Specifications

EU Energy Efficiency Class (EC1062)	**On-mode Power Consumption (EC 1062/2010)**	16
	Annual Power Consumption (EC 1062/2010)	23
	Energy Efficiency Class (EC 1062/2010)	A+
	Visible Screen Size	23.8" / 60.452 cm
Operating Conditions	**Operating Temperature - Celsius**	5° – 35°C
	Operating Temperature - Fahrenheit	41° – 95°F
	Non-operating Temperature - Celsius	−20° – 60°C
	Non-operating Temperature - Fahrenheit	29° – 140°F
	Operating Humidity	20 – 80% Relative Humidity (non-condensing)
	Non-operating Humidity	5 – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12.192 m (40,000 ft.)
Environmental Features and Certifications	**Mercury-free LED display backlighting**	Yes
	Arsenic-Free Display Glass	Yes
	Low Halogen	Yes
	Agency Approvals and Certifications	WW application CE,CB,KC/KCC/NOM/ICE/TUV-S/ISO 9241-307/ EAC/UL/CSA/ISC/CCC/CEL/CECP/SEPA/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE
	ENERGY STAR® Qualified	Yes, ENERGY STAR®
	EPEAT® Registered Regions need to verify by country	EPEAT® Silver
	China Energy Label	CEL Grade 2
	SmartWay Transport Partnership - NA only	Yes
	Contains Recycled Plastics in Back Cover	Yes
	Contains Recycled Plastics in Base/Stand	Yes
	Contains Recycled Plastics in Other Parts	Yes
	Recyclable Plastics	Yes
	Recyclable Packaging (Box, packing materials)	Only the wood box can be recycled

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

EPEAT® Silver registered in the U.S. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at http://www.hp.com/go/options

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

*DisplayPort 1.2 or HDMI 1.4 required to drive panel at its native resolution

Technical Specifications

		Metric	**Imperial**
Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	53.88 x 20.50 x 46.30 cm	21.21 x 8.07 x 18.22 in
	Product Dimensions (Packed) (W x D x H)	64.5 x 42.0 x 28.5 cm	25.39 x 16.54 x 11.22 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.88 x 4.51 x 32.19 cm	21.21 x 1.78 x 12.67 in
	Product Weight (Unpacked with stand) (W x D x H)	5.8 kgs	12.78 lbs
	Product Weight (Packed) (W x D x H)	9.8 kgs	21.6 lbs
	Product Weight (Head only) (W x D x H)	3.48 kgs	7.67 lbs
	Base Area Footprint	237.00 x 205.00 mm	9.33 x 8.07 in
	Bezel Measurements	Bottom 18.60 mm	Bottom 0.73 in
Pallet Information	**Pallet Dimensions** (W x D x H)	Pallet A:1140 x 1290 x 2220 mm Pallet B:1140 x 645 x 2220 mm	Pallet A:44.9x 50.8 x87.4 in Pallet B:44.9x 25.4 x 87.4 in
	Pallet Weight (W x D x H)	Pallet A:409.8 kg Pallet B:209.2 kg	Pallet A:903.5 lbs Pallet B:461.2 lbs
	Pallet Layers	Pallet A:5 Pallet B:5	
	Pallet Product per Layer	Pallet A:8 Pallet B:4	
	Total Products per Pallet	Pallet A:40 Pallet B:20	
	Container Load, 20-Foot	360 sets (slip sheet and pallet)	
	Container Load, 40-Foot	720 sets (slip sheet and pallet)	
	Container Load, 40-Foot HighQ	720 sets (slip sheet & pallet)	
What's in the box?	AC power cord (1.9m) 6.2 ft VGA cable (1.8m) 5.9 ft DP cable (1.8m) 5.9 ft HDMI cable (1.8m) 5.9 ft USB cable (1.8m) Documentation		
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.	

Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.

QuickSpecs

Technical Specifications

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

ENVIRONMENTAL

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®

- EPEAT® Silver registered in the United States. See http://www.epeat.net for registration status in your country. Search keyword generator on HP's 3rd party option store for solar energy accessory at http://www.hp.com/go/options.

System Configuration

The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a "Typically Configured Notebook".

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

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation	15.48 W	15.54 W	15.47 W
Sleep	0.17 W	0.23 W	0.16 W
Off	0.17 W	0.17 W	0.17 W

Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation	53 BTU/hr	53 BTU/hr	53 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.

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 <Silver> level, see http://www.epeat.net
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 31.9% post-consumer recycled plastic (by wt.) according to the EPEAT 2.0 IEEE 1680.1-2018 standard
- This product is 98.5% recycle-able when properly disposed of at end of life.

Packaging Materials

External:	PAPER/Paperboard	3566 g
Internal:	PLASTIC/Polyethylene Expanded - EPE	19 g
	PLASTIC/Polyethylene low density - LDPE	18 g

Technical Specifications

RoHS Compliance	HP, Inc. 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).

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://www8.hp.com/us/en/hp-information/environment/ecolabels.html

ISO 14001 certificates:
http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/PC_GBU_Product_Design_ISO_14K_Certificate.pdf
and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf

Technical Specifications

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Technical Specifications

Change Log			
March 7, 2019	V1 to V2	Added	Environmental Tab
March 21, 2019	V1 to v2	Updated	Warranty