Technical Specifications

HP E45c G5 DQHD Curved Monitor



- **1.** SuperSpeed USB Type-A 5Gbps signaling rate (2, 1 charging)
- 2. Ambient Light Sensor

Front

- 3. Power Button
- 4. LED Power

Technical Specifications

HP E45c G5 DQHD Curved Monitor



- 1. Joypad OSD button
- 2. Security Cable Slot
- 3. Power Connector
- 4. HDMI 2.1 Port
- 5. DisplayPort™ 1.4

Back

- **6.** SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
- 7. SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
- 8. RJ-45 Port
- **9.** SuperSpeed USB Type-A 5Gbps signaling rate (2)



Technical Specifications

Model: 6N4C1AA

Panel SpecificationsDisplay Size (Diagonal)44.5" (113.0 cm)Viewable Diagonal Size44.5" (113.0 cm)

Panel TechnologyVACurved1500RMax Refresh Rate165Hz

Native Resolution DQHD (5120 x 1440)

Panel Bit DepthTrue 8 bitAspect Ratio32:9Brightness (Typical)400 nitsContrast Ratio (Static)3000:1

Dynamic Contrast Ratio 8000000:1 =8M:1

Flicker Free Yes

Pixel Pitch 0.21 x 0.21 mm Pixels Per Inch (PPI) 120 PPI

Display Colors Up to 16.7 million colors supported

Backlight Lamp Life Minimum (To Half

Brightness - In Hours)

Backlight Type Edge-lit
Screen Treatment Anti-glare
Hardness 3H

Hardness 3H **Haze** 25%

Response Time (Typical) 3ms GtG (with overdrive)

Horizontal Viewing Angle
(Typical Cr>10)
Vertical Viewing Angle (Typical Cr>10)
178°

Panel Active Area Metric (W X H) 108.75 x 30.59 cm
Panel Active Area Imperial (W X H) 42.81 x 12.04inch
Variable Refresh Rate Technology FreeSync Premium

NOTE: Performance specifications represent the typical specifications provided by HP's component

manufacturers; actual performance may vary either higher or lower.

Color sRGB 99%

Color Management Color Space/ Subsampling Support RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2

RGB Channel Adjust Yes, Gain

Default Color Temperature Neutral (6500K)

Factory Color Calibrated Yes (Color Temperature)

Factory Color Presets Warm - 5000K, Neutral - 6500K,

Cool - 9300K

Monitor Specifications Bezel Type 3-sided borderless

Color Of Stand Black & Silver

Color Of HeadBlackTilt-5°~+20°Swivel±10°Height Adjust Range150 mm



Technical Specifications

Vesa Mounting100 mm x 100 mmSecurity LockSecurity lock-ready

Detachable Stand Yes

Warranty 3/3/0 for LA, NA, EMEA, APJ (3/3/3 in select APJ Countries)

Low Blue Light

Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution

certified)

Speaker Output Power 2x3 W

Management Software HP Display Center, HP Display Manager*

*Host PC requires Windows 10 and above. HP Display Center is

available on the Microsoft store.

On Screen Display (OSD)

On Screen Display Brightness+, Color, Image, Input, Spilt Screen, Power,

Menu, Management, Information

Native Resolution DQHD (5120 x 1440)

Maximum Resolution DQHD (5120 x 1440 @ 165Hz)

Preset Graphic Modes/Supported 640 x 480 @ 60Hz **Resolutions** 720 x 400 @ 60Hz

800 x 600 @ 60Hz 1024 x 768 @ 60Hz 1280 x 720 @ 60Hz 1280 x 800 @ 60Hz 1280 x 1024 @ 60H

1280 x 800 @ 60Hz 1280 x 1024 @ 60Hz 1440 x 900 @ 60Hz 1600 x 900 @ 60Hz 1680 x 1050 @ 60Hz

1920 x 1080 @ 60Hz 1920 x 1200 @ 60Hz 2560 x 1440 @ 60Hz

2560 x 1440 @120Hz 2560 x 1440 @165Hz 3440 x 1440 @ 60Hz

3440 x 1440 @75Hz 3440 x 1440 @100Hz 5120 x1440 @ 60Hz 5120x1440 @ 70Hz

5120x1440 @ 75Hz 5120x1440 @120Hz 5120x1440 @ 165Hz

Minimum Vertical Scan Rate48 HzMaximum Vertical Scan Rate165 HzMinimum Horizontal Scan Rate30.0 kHzMaximum Horizontal Scan Rate250.0 kHzMaximum Pixel Clock1400.0 MHzUser Programmable ModesYes, 20

User-Assignable Function Buttons Yes, 4 (9 options)

Audio Built-in 2x3W speakers

Technical Specifications

11 (English, Spanish, German, French, Italian,

Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese

and Russian)

DisplayPort™ 1 DisplayPort™ 1.4 **Connector Types**

USB Type-C® Video Input

HDMI 1 HDMI 2.1

HDCP Yes, DisplayPort™, HDMI and USB Type-C®

> 2 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 100W USB Power Delivery for single PC connection and dynamic power delivery with two PCs is 65W each, Alt

Mode DisplayPort™ 1.4)*

*Dynamic Power Delivery between 2 ports up to 130W, with one

port max up to 100W, the other port min 30W.

4 SuperSpeed USB Type-A 5Gbps signaling rate (1

charging)

ETHERNET 1 RJ-45 (10/100/1000 Mbps)

Special Features Picture-in-Picture, Picture-by-Picture

Languages

SWITCH

USB-A

Yes, PBP only

Monitor Power button PbP / Up button Volume / Down button Next Active Input / Left button

Color / Right button Menu / Enter button

Remote Manageability*, ** Through HP Display Manager,

In-Band MAC Address Pass Through (MAPT),

In-Band Wake on LAN (WoL),

PXE Boot,

Out-of-Band MAC Address Pass Through (MAPT),

Out-of-Band Wake on LAN (WoL).

*Not all notebooks support remote manageability.

**Out-of-band manageability only available with HP G7, G8 and G9 HP notebooks and not supported on non-HP devices.

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KVM

User Presets

User Updateable Firmware Yes Yes, OSD switch and keyboard switch

Other Special Features Ambient Light Sensor, Single Power On, Virtual Dual

Display, Device Bridge 2.0

Power & Operating

Specs

Power Supply Internal

100 - 240 VAC 50/60 Hz **Power Source**

Power Consumption- Max 275 W **Energy Saving/Stand By Mode** 0.5 W **Power Consumption - Typical** 55 W

Energy Star Data Operational Mode at 100 VAC 43.68 W

> Operational Mode at 115 VAC 43.6 W Operational Mode at 230 VAC 43.25 W

Technical Specifications

EU Energy Efficiency Class (ErP LOT-5) On-mode Power Consumption for Standard Dynamic Range (SDR) ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)

38W



5°-35°C

41° - 95°F

-40° - 65°C

-40° - 149°F

Operating Conditions

Operating Temperature - Celsius
Operating Temperature - Fahrenheit
Non-Operating Temperature - Celsius
Non-Operating Temperature -

Fahrenheit

Operating Humidity
Non-Operating Humidity

Non-Operating Humidity 5-95%Operating Altitude 0-5,000 m (16,400 ft.)Non-operating Altitude 0-12,192 m (40,000 ft.)

Certifications and Compliances

Low Halogen Yes*

*External power supplies, WWAN modules, power cords, cables

20 – 80% Relative Humidity (non-condensing)

and peripherals excluded.

WW application

Agency Approvals and Certifications

CE/CB/KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/CSA/ISC/CCC/CEL/CECP/TCO/TCO Certified Edge/Energy Star/ISC/VCCI/FCC/BSMI/WEEE/PSE / cTUVus/ BIS/ UAE/ Ukraine EE/ E-Standy(Korea MEPS)/

NRCS/ TGM Win 10, Win 11

Yes

Microsoft WHQL Certification ENERGY STAR® Certified

EPEAT® Registered

Regions need to verify by country

EPEAT® Gold in United States*

*Based on US EPEAT® registration according to IEEE 1680.1-

2018 EPEAT®. Status varies by country. Visit http://www.epeat.net for more information.

China Energy Label CEL Grade 2

TCO Certified Edge Yes
TCO Certified Yes

SmartWay Transport Partnership - NA

only

Yes (NA sku)

Contains Recycled Plastics

Contains Recycled Plastics

Contains ocean-bound recycled plastic*; 80% ITE-derived

closed loop plastic**

*All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by

product.

** ITE Derived Closed Loop Plastic percentage is based on the

definition set in the IEEE 1680.1-2018 standard.

Recycled Metals At least 15% recycled metal*

*Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts

over 25 grams.

Recyclable Packaging (Box, packing

materials)

Outside Box and corrugated cushions are 100%

sustainably sourced and recyclable*

Technical Specifications

*100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

Specifications			Metric	Imperial	
Unpacked with stand) (W x D x H)	Unit Product/Package	Product Dimensions			
(Packed) (W x D x H) Display Head Dimensions (Unpacked with but stand) (W x D x H) Base Area Footprint (w x d mm) Bezel Measurements Product Weight (Unpacked with stand) Product Weight (Packed) Product Weight (Packed) Product Weight (Packed) Product Weight (Head Only) Pallet Information Pallet Dimensions (L x W x H mm) Pallet Total Weight (Packed) Pallet Total Weight (Packed) Pallet Layers Pallet Layers Pallet Layers Slip Sheet: 1277 x 1130 x 2085 mm (20° ft/40° ft) Pallet: 1277 x 1130 x 2085 mm (20° ft/40° ft) P	Specifications	(Unpacked with stand) (W \times D \times H)	108.43 x 30.7 x 52.18 till	42.7X12.1X2U.5 IIICII	
Display Head Dimensions (Unpacked without stand) (W x D x H)		Product Dimensions	126.7 x 28 x 48.5 cm	49.88 x 11.02 x 19.09 inch	
Cupacked without stand) (W x D x H) Base Are Footprint (w x d mm) Bezel Measurements Bottom: 18.6 mm Bottom: 7.32 in 32.18 lbs Product Weight 14.6 kg 32.18 lbs Cupacked with stand) Product Weight 22.47 kg 49.53 lbs Product Weight 10.10 kg 22.26 lbs Product Weight 10.10 kg 22.26 lbs Product Weight 1277 x 1130 x 1962mm 50.28 x 44.49 x 77.24 inch (20' ft/40' ft) (20' ft/40' ft) (20' ft/40' ft) Slip Sheet: 1277 x 1130 x 2450 mm (40' HQ) Pallet Information Pallet Dimensions 1277 x 1130 x 2450 mm (40' HQ) Pallet: 1277 x 1130 x 2450 mm (40' HQ) Pallet: 1277 x 1130 x 2085 mm (20' ft/40' ft) (20' ft/40' ft) Pallet: 1277 x 1130 x 2085 mm (20' ft/40' ft) (20' ft/40' ft) Pallet: 1277 x 1130 x 2085 mm (20' ft/40' ft) (20' ft/40' ft) Pallet: 1277 x 1130 x 2085 mm (30.28 x 44.49 x 82.09 inch (40' HQ) (40' HQ) Pallet: 366.5 kg (20'ft/40'ft) (30' HQ) Pallet: 366.5 kg (20'ft/40'ft) (30' HQ) Pallet: 388.7 lbs (30'HQ/40'ft/40'ft) (30' HQ) Pallet: 388.7 lbs (30'HQ/40'ft/40'ft) (30' HQ) Pallet: 388.7 lbs (30'HQ/40'ft/40'ft) (30' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (20' ft/40' ft) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft) (40' HQ) Pallet: 4 layers per pallet (40' HQ)					
			108.43 x 14.81 x 33.56 cm	42.7 x 5.6 x 13.21 inch	
Nex d mm Bezel Measurements Bottom: 18.6 mm Bottom: 7.32 in		•			
		-	320 x 267 mm	11.89 x 10.31 inch	
Product Weight (Unpacked with stand)		, - ,			
(Unpacked with stand)		20201110404104110			
Product Weight (Packed)		_	14.6 kg	32.18 lbs	
(Packed) Product Weight (Head Only) 10.10 kg 22.26 lbs Pallet Information Pallet Dimensions (L x W x H mm) Slip Sheet: Slip Sheet: 50.28 x 44.49 x 77.24 inch (20° ft/40° ft) (20° ft/40° ft) 50.28 x 44.49 x 77.24 inch (20° ft/40° ft) Slip Sheet: 1277 x 1130 x 2450 mm (40° HQ) 50.28 x 44.49 x 96.46 inch (40° HQ) (40° HQ) (40° HQ) Pallet: Pallet: 1277 x 1130 x 2085 mm (20° ft/40° ft) 50.28 x 44.49 x 82.09 inch (20° ft/40° ft) (20° ft/40° ft) 50.28 x 44.49 x 82.09 inch (40° HQ) (40° HQ)		•		"	
Product Weight (Head Only)		_	22.47 kg	49.53 lbs	
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Pallet Information Pallet Dimensions (L x W x H mm) Slip Sheet: 1277 x 1130 x 1962mm Slip Sheet: 50.28 x 44.49 x 77.24 inch (20' ft/40' ft) Slip Sheet: Slip Sheet: 1277 x 1130 x 2450 mm Slip Sheet: 50.28 x 44.49 x 96.46 inch (40' HQ) 60' HQ) Pallet: Pallet: 1277 x 1130 x 2085 mm 50.28 x 44.49 x 82.09 inch (20' ft/40' ft) 60' ft/40' ft) Pallet: 1277 x 1130 x 2085 mm 50.28 x 44.49 x 82.09 inch (40' HQ) 50.28 x 44.49 x 82.09 inch (40' HQ) (40' HQ) (40' HQ) (40' HQ) (40' HQ) (40' HQ) Slip Sheet: 36.5 kg (20'ft/40'ft), 456.1kg (40'HQ) 807.8lbs (20'ft/40'ft), 1005.3lbs (40'HQ) Pallet Layers Slip Sheet: 4 layers per pallet (20' ft/40' ft) 1005.3lbs (40'HQ) Pallet Layers Slip Sheet: 4 layers per pallet (20' ft/40' ft) 40'HQ/40'ft) Pallet Product per Layer Slip Sheet: 16 sets per pallet (20' ft/40' ft) 40'HQ/40'ft) Slip Sheet: 16 sets per pallet (20' ft/40' ft) 50' ft/40' ft) 50' ft/40' ft) Slip Sheet: 16 sets per pallet (20' ft/40' ft) 50' ft/40' ft) 50' ft/40' ft)		_	10.10 kg	22.26 lDS	
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CL x W x H mm 1277 x 1130 x 1962mm 50.28 x 44.49 x 77.24 inch	Pallet Information	Pallet Dimensions	Slip Sheet:	Slip Sheet:	
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(40' HQ)			Slip Sheet:	Slip Sheet:	
Pallet:			1277 x 1130 x 2450 mm	50.28 x 44.49 x 96.46 inch	
1277 x 1130 x 2085 mm 50.28 x 44.49 x 82.09 inch			(40' HQ)	(40' HQ)	
(20' ft/40' ft) (20' ft/40' ft) Pallet:			Pallet:	Pallet:	
Pallet:			1277 x 1130 x 2085 mm	50.28 x 44.49 x 82.09 inch	
1277 x 1130 x 2085 mm			(20' ft/40' ft)	(20' ft/40' ft)	
(40' HQ)			Pallet:	Pallet:	
Pallet Total Weight Slipsheet: Slipsheet: 807.8lbs (20'ft/40'ft), 1005.3lbs (40'HQ) Pallet: 838.7lbs (40'HQ) Pallet: 838.7lbs (40'HQ)40'ft) (40'HQ/40'ft) (40'HQ/4			1277 x 1130 x 2085 mm	50.28 x 44.49 x 82.09 inch	
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366.5 kg (20'ft/40'ft), 456.1kg (40'HQ) Pallet: 9838.7lbs (40'HQ/40'ft) Pallet Layers Slip Sheet: 4 layers per pallet (20' ft/40' ft) Pallet Product per Layer 4 per layer Slip Sheet: 16 sets per pallet (20' ft/40' ft) Total Products per Pallet Slip Sheet: 20 sets per pallet (40' HQ) Slip Sheet: 20 sets per pallet (40' HQ) Slip Sheet: 20 sets per pallet (40' HQ)		Pallet Total Weight	Slinsheet:	•	
456.1kg (40'HQ) Pallet: Pallet: 838.7lbs (40'HQ/40'ft) Pallet Layers Slip Sheet: 4 layers per pallet (20' ft/40' ft) Slip Sheet: 5 layers per pallet (40' HQ) Pallet Product per Layer 4 per layer Slip Sheet: 16 sets per pallet (20' ft/40' ft) Total Products per Pallet Slip Sheet: 20 sets per pallet (40' HQ)			-		
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Pallet Layers Slip Sheet: 4 layers per pallet (20' ft/40' ft) Slip Sheet: 5 layers per pallet (40' HQ) Pallet: 4 layers per pallet (20' ft/40' ft/40' HQ) Pallet Product per Layer 4 per layer Slip Sheet: 16 sets per pallet (20' ft/40' ft) Total Products per Pallet Slip Sheet: 20 sets per pallet (40' HQ)			380.5kg (40'HQ/40'ft)		
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Total Products per Pallet Slip Sheet: 20 sets per pallet (40' HQ)		Pattet Product per Layer			
		Total Products per Pallet	• • • • • • • • • • • • • • • • • • • •		
		i otat ri ouutts pei rattet			
Pallet: 16 sets per pallet (20' ft/40' ft/40' HQ) Container Load, 20-Foot 128 sets (slip sheet and pallet)		Container Load 20-Foot	128 sets (slip sheet and pallet)		
Container Load, 40-Foot 288 sets (slip sheet and pallet)		-	·		
288 sets (nallet)			· · · · · · · · · · · · · · · · · · ·	-,	
Container Load, 40-Foot HighQ 360 sets (slip sheet)		Container Load, 40-Foot HighQ	-		

Technical Specifications

What's in the box? AC power cord (1.83m) 5.9ft

2 x USB 3.2 C-C cable (1.0m)

Warranty

Quick Setup Poster

User Guide and Warranty Languages **User Guide Languages**

Warranty Languages

Arabic, Bahasa Indonesia, Bulgarian, Chinese-S, Chinese-T, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Kazakh, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese (Brazilian), Portuguese (Iberian), Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkey, Ukrainian English US (EN), English AP (EN-AP), English LA (EN-LA), English UK (EN-GB), Arabic (AR) -17x, Bahasa Indonesia (ID), Bosnian (BS), Bulgarian (BG), Chinese-S (CN), Chinese-T (TW), Croatian (HR), Czech (CS), Danish (DA), Dutch (NL), Estonian (ET), Finnish (FI), French Canadian

Dutch (NL), Estonian (ET), Finnish (FI), French Canadian (FC), French European (FR), German (DE), Greek (EL), Hebrew (HE), Hungarian (HU), Italian (IT), Japanese (JA), Kazakh (KK), Korean (KO), Latvian (LV), Lithuanian (LT), Norwegian (NO), Polish (PL), Portuguese, Brazilian (BR), Portuguese, Iberian (PT), Romanian (RO), Russian (RU), Serbian (SR), Slovak (SK), Slovenian (SL), Spanish, Castilian (ES-ES), Spanish, Latin America (ES-MX), Swedish (SV), Thai (TH)

Turkish (TR), Ukrainian (UK), Vietnamese (VI)



Technical Specifications

ENVIRONMENTAL DATA

Eco I shal Cartifications	This product has received	Lor is in the present of being so	tified to the following approvals and may be
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:		
& uectal ations	IT ECO declaration		
	US ENERGY STAR®		
	 US Federal Energy Management Program (FEMP) EPEAT® Gold registered in the United States. See http://www.epeat.net for registration 		
	status in your country.		
	TCO Certified Edge		
		nservation Program (CECP)	
	China State Envir	ronmental Protection Administr	ation (SEPA)
	 Taiwan Green Ma 	ark	
	 Korea Eco-label 		
	 Japan PC Green l 	abel*	
Sustainable Impact	Ocean-bound plastic in	Speaker,Stand	
Specifications	• 80% post-consumer rec	ycled plastic	
	• 15% recycled metal		
	 Low halogen 		
	Outside Box and corruga	ated cushions are 100% sustain	ably sourced and recyclable
	 Molded Paper Pulp Cush 	nion inside box is 100% sustaina	bly sourced and recyclable
	 Recycled Plastic cushion 	าร	
System Configuration	The configuration used fo	or 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			
ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
	115VAC, 60Hz 43.6 W	230VAC, 50Hz 43.25 W	100VAC, 50Hz 43.73 W
method)			
method) Normal Operation (Short			
method) Normal Operation (Short idle)	43.6 W	43.25 W	43.73 W
method) Normal Operation (Short idle) Normal Operation (Long	43.6 W	43.25 W	43.73 W
method) Normal Operation (Short idle) Normal Operation (Long idle)	43.6 W	43.25 W 43.25 W	43.73 W 43.73 W
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W	43.25 W 43.25 W 0.44 W	43.73 W 43.73 W 0.43 W
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W	43.25 W 43.25 W 0.44 W	43.73 W 43.73 W 0.43 W
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W	43.25 W 43.25 W 0.44 W 0.28 W	43.73 W 43.73 W 0.43 W
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® com	43.73 W 43.73 W 0.43 W 0.28 W
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Lo	43.73 W 43.73 W 0.43 W 0.28 W opliant product if offered within the model
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Longary (EPA) ENERGY STAR® s	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model ago are compliant with the applicable U.S.
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Long Agency (EPA) ENERGY STAR® serior Agency (EPA) ENERGY STAR® serior STAR® compliant configurations.	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model are compliant with the applicable U.S. pecifications for computers. If a model
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Longage Agency (EPA) ENERGY STAR® series ERGY STAR® compliant configuration of the property of the	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model ago are compliant with the applicable U.S. pecifications for computers. If a model ations, then energy efficiency data listed is
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE for a typically configured	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Longary (EPA) ENERGY STAR® series ERGY STAR® series compliant configuration. PC featuring a hard disk drive, a	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model ago are compliant with the applicable U.S. pecifications for computers. If a model ations, then energy efficiency data listed is
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE for a typically configured	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Longary (EPA) ENERGY STAR® series ERGY STAR® series compliant configuration. PC featuring a hard disk drive, a	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model ago are compliant with the applicable U.S. pecifications for computers. If a model ations, then energy efficiency data listed is
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE for a typically configured Microsoft Windows® open	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Long Agency (EPA) ENERGY STAR® sirked STAR® compliant configurations of the compliant configuration	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model are compliant with the applicable U.S. pecifications for computers. If a model ations, then energy efficiency data listed is a high efficiency power supply, and a
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation*	43.6 W 43.6 W 0.43 W 0.27 W NOTE: Energy efficiency data list family. HP computers ma Environmental Protection family does not offer ENE for a typically configured Microsoft Windows® open	43.25 W 43.25 W 0.44 W 0.28 W ted is for an ENERGY STAR® comrked with the ENERGY STAR® Long Agency (EPA) ENERGY STAR® serior STAR® compliant configuration of the ENERGY STAR® compliant configura	43.73 W 43.73 W 0.43 W 0.28 W ppliant product if offered within the model ago are compliant with the applicable U.S. pecifications for computers. If a model ations, then energy efficiency data listed is a high efficiency power supply, and a



Technical Specifications

Normal Operation (Long idle)	149.1 E	TU/hr	147.9 BTU/hr	149.6 BTU/hr
Sleep	1.5 B1	U/hr	1.5 BTU/hr	1.5 BTU/hr
Off	0.9 B1		1.0 BTU/hr	1.0 BTU/hr
Longevity and Upgrading	*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. This product can be upgraded, possibly extending its useful life by several years. Upgradeable			
zongevity and opgrading	-		nts contained in the	ceratine by severally cars. Opgradeable
	Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.			
Additional Information	- 20 • This (WE	11/65/EC. HP product is EE) Directive	s designed to comply with the – 2002/96/EC.	ons of Hazardous Substances (RoHS) directive Waste Electrical and Electronic Equipment
	This product is in compliance with California Proposition 65 (State of California; Safe Prinking Water and Toxic Enforcement Act of 1986)			
	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 ISO11469 and			
	IS01043.			
	This product is 96.5% recycle-able when properly disposed of at end of life.			
Packaging Materials	External:	PAPER/Cor	rugated	1721 g
		PAPER/Cor	rugated	2526 g
		PAPER/Pap	per	3000 g
	Internal:	PLASTIC/E	PE (Expanded Polyethylene)	78 g
	The plastic p	ackaging ma	terial contains at least 0.0% I	ecycled content.
	The corrugated paper packaging materials contains at least 80.0% recycled content.			
RoHS Compliance	restrictions in	n the Europea Idwide throu	n Union (EU) Restriction of Ha	ere among the first companies to extend the azardous Substances (RoHS) Directive to our buted to the development of related
	tegistation in			
	We believe the	f substances C, BFRs, and c	tive and similar laws play an i of concern. We have supporto	mportant role in promoting industry-wide ed the inclusion of additional substances— RoHS legislation that pertains to electrical
	We believe the elimination of including PVC and electronic We met our verquirements	f substances C, BFRs, and c cs products. coluntary obje s for virtually	tive and similar laws play an i of concern. We have supporto ertain phthalates—in future ective to achieve worldwide co all relevant products by July	mportant role in promoting industry-wide ed the inclusion of additional substances—
	We believe the elimination of including PVC and electronic We met our virequirements scope of the	f substances C, BFRs, and c cs products. coluntary obje s for virtually commitment	tive and similar laws play an i of concern. We have support ertain phthalates—in future ective to achieve worldwide co all relevant products by July to include further restricted s	mportant role in promoting industry-wide ed the inclusion of additional substances—RoHS legislation that pertains to electrical ompliance with the new EU RoHS 2013, and we will continue to extend the



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/supplychain/gen_specifications.html):				
	 Asbestos Certain Azo Colorants Certain Brominated Flame Retardants – may not be used as flame retardants in plastics Cadmium Chlorinated Hydrocarbons Chlorinated Paraffins Bis(2-Ethylhexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP) 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 Usage	 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	HP 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.				

Technical Specifications

	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.		
HP, Inc. Corporate Environmental	For more information about HP's commitment to the environment:		
Information	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://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf		
footnotes	 Percentage of ocean-bound plastic contained in each component varies by product Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. External power supplies, WWAN modules, power cords, cables and peripherals excluded. 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic materials. Plastic cushions are made from >90% recycled plastic. 		

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Summary

Change Log			
February 15, 2023	V1 to V2	Added	Environmental Data
April 11, 2023	V2 to V3	Updated	Color Management section
	V3 to V4		

