HP E27 G5 FHD Monitor

Technical Specifications

HP E27 G5 FHD Monitor



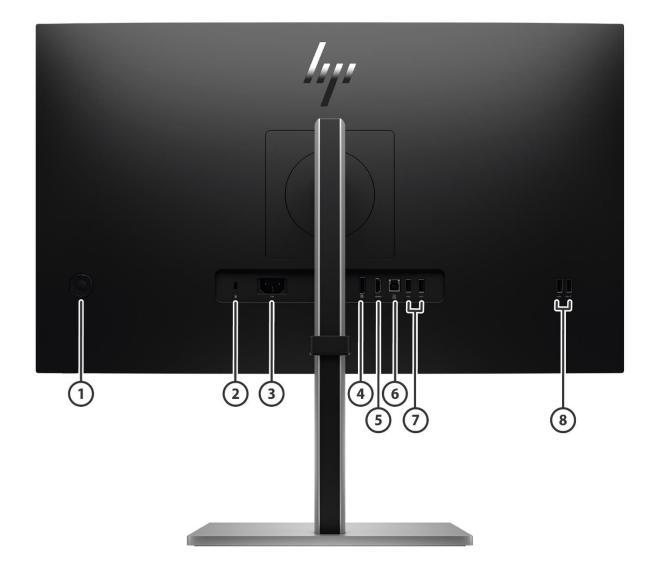
1. Power Button

Front 2. LED Power



Technical Specifications

HP E27 G5 FHD Monitor



- 1. Joypad OSD button
- 2. Security Cable Slot
- 3. Power Connector
- 4. DisplayPort[™] 1.2

- Back
- 5. HDMI 1.4 Port
- 6. USB-B Port
- 7. SuperSpeed USB Type-A 5Gbps signaling rate (2)
- 8. SuperSpeed USB Type-A 5Gbps signaling rate (2) 1 charging



Technical Specifications

Model: 6N4E2AA

Panel Specifications	Display Size (Diagonal)	27 inch (68.6 cm)
	Viewable Diagonal Size	27 inch (68.6 cm)
	Panel Technology	IPS
	Max Refresh Rate	75Hz
	Native Resolution	FHD (1920 x 1080)
	Panel Bit Depth	8 bit (6 bit + FRC)
	Aspect Ratio	16:9
	Brightness (Typical)	300 nits
	Contrast Ratio (Static)	1000:1
	Dynamic Contrast Ratio	8M:1
	Flicker Free	Yes
	Pixel Pitch	0.31 x 0.31 mm
	Pixels Per Inch (PPI)	82 PPI
	Display Colors	Up to 16.7 million colors supported*
		*Number of colors through A-FRC technology.
	Backlight Lamp Life Minimum (To Half	201
	Brightness - In Hours)	30k
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	зн
	Haze	25%
	Response Time (Typical)	5ms GtG (with overdrive)
	Horizontal Viewing Angle	
	(Typical Cr>10)	178°
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area Metric (W X H)	59.79 x 33.63 cm
	Panel Active Area Imperial (W X H)	23.54 x 13.24 in
	-	typical specifications provided by HP's component
	manufacturers; actual performance may vary e	
	······································	
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)
	-	
Monitor Specifications	Bezel Type	3-sided borderless
•	Color Of Stand	Black & Silver
	Color Of Head	Black
	Tilt	Yes, -5~+20°
	Swivel	±45°
	Pivot	±90°
	Height Adjust Range	150 mm
	Vesa Mounting	100 mm x 100 mm
	Security Lock	Security lock-ready
	Detachable Stand	Yes



Technical Specificat	.10115	
		3/3/0 for LA, NA, EMEA, APJ
	Warranty	(3/3/3 in select APJ Countries)
		Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution
	Low Blue Light	certified)
	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	On Screen Display	Brightness+, Color Control, Image Control, Input Control,
(OSD)		Power Control, Menu Control, Management, Information,
		Exit
	Native Resolution	FHD (1920 x 1080)
	Maximum Resolution	FHD (1920 x 1080 @ 75 Hz)
	Preset Graphic Modes/Supported	640 x 480 @ 60Hz
	Resolutions	640 x 480 @ 75Hz
	Resolutions	720 x 400 @ 70 Hz
		800 x 600 @ 60 Hz
		800 x 600 @ 75 Hz
		1024 x 768 @ 60 Hz
		1024 x 768 @75 Hz
		1280 x 720 @ 50 Hz
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1280 x 1024 @ 75 Hz
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 50 Hz
		1920 x 1080 @ 60 Hz
		1920 x 1080 @ 75 Hz
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	75 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	85.0 kHz
	Maximum Pixel Clock	180.0 MHz
	User-Assignable Function Buttons	Yes, 4 (6 options)
	_	11 (English, Spanish, German, French, Italian,
	Languages	Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese
		and Russian)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2
	HDMI	1 HDMI 1.4
	HDCP	Yes, DisplayPort and HDMI
		4 SuperSpeed USB Type-A 5Gbps signaling rate (1
	USB-A	charging)
	USB-B	1 USB-B



HP E27 G5 FHD Monitor

Special Features	SWITCH	Monitor Power button
		Next Active Input/ Up button
		Information / Down button
		Brightness / Left button
		Color / Right button
		Menu / Enter button
	User Presets	18
Power & Operating	Power Supply	Internal
Specs	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	50W
	Energy Saving/Stand By Mode	0.5W
	Power Consumption - Typical	30W
Energy Star Data	Operational Mode at 100 VAC	15.45W
	Operational Mode at 115 VAC	15.4W
	Operational Mode at 230 VAC	15.53W
EU Energy Efficiency	On-mode Power Consumption for	17W
Class (ErP LOT-5)	Standard Dynamic Range (SDR)	
	ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)	
Operating Conditions	Operating Temperature - Celsius	5° – 35°C
	Operating Temperature - Fahrenheit	41° – 95°F
	Non-Operating Temperature - Celsius	–40° – 65°C
	Non-Operating Temperature - Fahrenheit	-40° – 149°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.)
Certifications and	Low Halogen	Yes*
Compliances		*External power supplies, WWAN modules, power cords, cables
		and peripherals excluded.
	Agency Approvals and Certifications	WW application
		CE/CB/KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-
		307/cTUVus/GS/ISC/CCC/CEL/CECP/SEPA/TCO/TCO
		Certified Edge/Hardware Low Blue Light/Energy
		Star/ISC/VCCI/FCC/BSMI/BIS/NRCS/UAE/Ukraine/Vietnam
		MEPS/Australian-New Zealand MEPS/Ukraine
		EE/WEEE/TGM/PSE/E-Standby (Korea MEPS)/EAC
		Win 11 (x64 only), Win 10 (x64 only)
	Microsoft WHQL Certification	
	ENERGY STAR [®] Certified	Yes
	-	



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

		*Based on US EPEAT® registrat 2018 EPEAT®. Status varies by	country. Visit
		http://www.epeat.net for m	ore information.
	China Energy Label	CEL Grade 1	
	TCO Certified Edge	Yes	
	TCO Certified	Yes	
	SmartWay Transport Partnership - NA	Yes (NA sku)	
	only		
Contains Recycled Plastics	Contains Recycled Plastics	closed loop plastic**	cled plastic*, 85% ITE-derived
		*All plastic parts contain ocear ocean-bound plastic containec product.	
		** ITE Derived Closed Loop Pla definition set in the IEEE 1680.	stic percentage is based on the 1-2018 standard
	Recycled Metals	At least 25% recycled meta	
		-	as a percentage of the total weight
			4021 definitions for metal parts
	Recyclable Packaging (Box, packing	over 25 grams. Outside Box and corrugated	Loushions are 100%
	materials)	sustainably sourced and red	
	materials	Molded Paper Pulp Cushion	•
		sustainably sourced and red	
		-	id corrugated cushions made from
		sustainably sourced certified a	
		**Molded pulp cushions are ma	-
		fiber and organic materials.	
	Due duet Dimensione	fiber and organic materials. <u>Metric</u>	Imperial
Unit Product/Package Specifications	Product Dimensions (Lippacked with stand) (W x D x H)		<u>Imperial</u> 24.08 x 8.34 x 21.51 inch
Unit Product/Package Specifications	(Unpacked with stand) (W $ imes$ D $ imes$ H)	<u>Metric</u> 61.2 x 22.7 x 54.6 cm	24.08 x 8.34 x 21.51 inch
	(Unpacked with stand) (W × D × H) Product Dimensions	Metric	
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H)	<u>Metric</u> 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions	<u>Metric</u> 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H)	<u>Metric</u> 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge)
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions	<u>Metric</u> 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H)	<u>Metric</u> 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge)
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge)
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H) Base Area Footprint	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge)
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H) Base Area Footprint (w x d mm)	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H) Base Area Footprint (w x d mm) Bezel Measurements	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H) Base Area Footprint (w x d mm) Bezel Measurements Product Weight	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch
	(Unpacked with stand) (W × D × H) Product Dimensions (Packed) (W × D × H) Display Head Dimensions (Unpacked without stand) (W × D × H) Base Area Footprint (w × d mm) Bezel Measurements Product Weight (Unpacked with stand)	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm 6.96 kg	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch 15.34 lb
	(Unpacked with stand) (W × D × H) Product Dimensions (Packed) (W × D × H) Display Head Dimensions (Unpacked without stand) (W × D × H) Base Area Footprint (w × d mm) Bezel Measurements Product Weight (Unpacked with stand) Product Weight	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm 6.96 kg	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch 15.34 lb
	(Unpacked with stand) (W x D x H) Product Dimensions (Packed) (W x D x H) Display Head Dimensions (Unpacked without stand) (W x D x H) Base Area Footprint (w x d mm) Bezel Measurements Product Weight (Unpacked with stand) Product Weight (Packed)	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm 6.96 kg 10.88 kg	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch 15.34 lb 23.98 lb
	(Unpacked with stand) (W × D × H) Product Dimensions (Packed) (W × D × H) Display Head Dimensions (Unpacked without stand) (W × D × H) Base Area Footprint (w × d mm) Bezel Measurements Product Weight (Unpacked with stand) Product Weight (Packed) Product Weight	Metric 61.2 x 22.7 x 54.6 cm 69.9 x 16 x 44.6 cm 61.17 x 4.64 x 36.33 cm (w/o hinge) 61.17 x 7.45 x 36.33 cm (w/ hinge) 256 x 205 mm Bottom: 20.09 mm 6.96 kg 10.88 kg 4.83 kg (w/o hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch 15.34 lb 23.98 lb 10.65 lb (w/o hinge)
Specifications	(Unpacked with stand) (W × D × H) Product Dimensions (Packed) (W × D × H) Display Head Dimensions (Unpacked without stand) (W × D × H) Base Area Footprint (w × d mm) Bezel Measurements Product Weight (Unpacked with stand) Product Weight (Packed) Product Weight (Head Only)	Metric 61.2 × 22.7 × 54.6 cm 69.9 × 16 × 44.6 cm 61.17 × 4.64 × 36.33 cm (w/o hinge) 61.17 × 7.45 × 36.33 cm (w/ hinge) 256 × 205 mm Bottom: 20.09 mm 6.96 kg 10.88 kg 4.83 kg (w/o hinge) 5.21 kg (w/ hinge)	24.08 x 8.34 x 21.51 inch 27.52 x 6.3 x 17.56 inch 24.08 x 1.83 x 14.30 inch (w/o hinge) 24.08 x 2.93 x 14.30 inch (w/ hinge) 10.08 x 8.07 inch Bottom: 0.79 inch 15.34 lb 23.98 lb 10.65 lb (w/o hinge) 11.49 lb (w/ hinge)



Technical Specifications

Technical Specificat	tions		
	Pallet Total Weight	(20' ft/40' ft) Pallet: 1130 x 709 x 1926 mm (40' HQ) Slip Sheet: 1130 x 709 x 2255 mm (40' HQ) Pallet: 1130 x 709 x 2375 mm Slip Sheet: 865 kg (40' ft&20' ft) Slip Sheet: 865 kg (40' HQ) Pallet: 705 kg (40' ft&20' ft) Pallet: 875 kg (40' HQ)	(20' ft/40' ft) Pallet: 44.49 x 27.91 x 75.83 inch (40' HQ) Slip Sheet: 44.49 x 27.91 x 88.78 inch (40' HQ) Pallet: 44.49 x 27.91 x 93.50 inch Slip Sheet:1903 lb (40' ft&20' ft) Slip Sheet:1903 lb (40' HQ) Pallet: 1551 lb (40' ft&20' ft) Pallet:1925 lb (40' HQ)"
	Pallet Layers	4 layers per pallet (20' ft/4	0' ft)
		5 layers per pallet (40' HQ)	
	Pallet Product per Layer Total Products per Pallet	7 per layer 28 sets per pallet (20' ft/40 35 sets per pallet (40' HQ))' ft)
	Container Load, 20-Foot	560 sets (slip sheet) 448 sets (pallet)	
	Container Load, 40-Foot	1120 sets (slip sheet) 896 sets (pallet)	
	Container Load, 40-Foot HighQ	1120 sets (slip sheet) 1120 sets (pallet)	
What's in the box?	AC power cord (1.83m) 5.9ft HDMI 1.4 cable (1.8m) 5.9 ft USB 3.0 B-A cable (1.8m) DP 1.2 cable (1.8m) Warranty Quick Setup Poster		
User Guide and Warranty Languages	User Guide Languages	T, Czech, Danish, Dutch, En French, German, Greek, Hel Japanese, Kazakh, Korean, Norwegian, Polish, Portugu (Iberian), Romanian, Russia Spanish, Swedish, Thai, Tur	brew, Hungarian, Italian, Latvian, Lithuanian, uese (Brazilian), Portuguese an, Serbian, Slovak, Slovenian, rkey, Ukrainian
	Warranty Languages	English UK (EN-GB), Arabic (ID), Bosnian (BS), Bulgarian Chinese-T (TW), Croatian (H Dutch (NL), Estonian (ET), F (FC), French European (FR), Hebrew (HE), Hungarian (H Kazakh (KK), Korean (KO), L	IR), Czech (CS), Danish (DA), 'innish (FI), French Canadian



Norwegian (NO), Polish (PL), Portuguese, Brazilian (BR),

Technical Specifications

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-Label Certifications	This product has received	or is in the process of being cert	ified to the following approvals and may	
& 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			
		y Management Program (FEMP)		
	-		http://www.epeat.net for registration	
	status in your cou			
	TCO Certified Edg			
		servation Program (CECP)		
	China State Envir	onmental Protection Administra	ition (SEPA)	
	 Taiwan Green Ma 	rk		
	Korea Eco-label			
	Japan PC Green la	abel*		
Sustainable Impact	• 85% ITE – derived closed	l loop plastic		
Specifications	25% recycled metal			
• • • •	• Low halogen			
	-	ted cushions are 100% sustaina	bly sourced and recyclable	
	 Outside Box and corrugated cushions are 100% sustainably sourced and recyclable Molded Paper Pulp Cushion inside box is 100% sustainably sourced and recyclable 			
	Recycled Plastic cushions			
System Configuration	The configuration used for the Energy Consumption and Declared Noise Emissions data for the			
System configuration	Notebook model is based on a "Typically Configured Notebook".			
	Notebook model is based on a Typically configured Notebook .			
Energy Consumption				
(in accordance with US				
ENERGY STAR® test				
ENERGY STAR® test	115VAC 60H7	230VAC 50H2	100VAC 50H7	
method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz	
method) Normal Operation (Short	115VAC, 60Hz 15.4 W	230VAC, 50Hz 15.53 W	100VAC, 50Hz 15.45 W	
method) Normal Operation (Short idle)	15.4 W	15.53 W	15.45 W	
method) Normal Operation (Short idle) Normal Operation (Long				
method) Normal Operation (Short idle) Normal Operation (Long idle)	15.4 W 15.4 W	15.53 W 15.53 W	15.45 W 15.45 W	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W	15.53 W 15.53 W 0.27 W	15.45 W 15.45 W 0.27 W	
method) Normal Operation (Short idle) Normal Operation (Long idle)	15.4 W 15.4 W	15.53 W 15.53 W	15.45 W 15.45 W	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W	15.53 W 15.53 W 0.27 W	15.45 W 15.45 W 0.27 W	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE:	15.53 W 15.53 W 0.27 W 0.2 W	15.45 W 15.45 W 0.27 W 0.2 W	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp	15.45 W 15.45 W 0.27 W 0.2 W Dliant product if offered within the model	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log	15.45 W 15.45 W 0.27 W 0.2 W Diant product if offered within the model go are compliant with the applicable U.S.	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp	15.45 W 15.45 W 0.27 W 0.2 W pliant product if offered within the model go are compliant with the applicable U.S. pecifications for computers. If a model	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENE	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat	15.45 W 15.45 W 0.27 W 0.2 W Diant product if offered within the model go are compliant with the applicable U.S. becifications for computers. If a model tions, then energy efficiency data listed is	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEI for a typically configured I	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a	15.45 W 15.45 W 0.27 W 0.2 W pliant product if offered within the model go are compliant with the applicable U.S. pecifications for computers. If a model	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENE	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a	15.45 W 15.45 W 0.27 W 0.2 W Diant product if offered within the model go are compliant with the applicable U.S. pecifications for computers. If a model tions, then energy efficiency data listed is	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEI for a typically configured I Microsoft Windows® opera	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a ating system.	15.45 W 15.45 W 0.27 W 0.2 W Diant product if offered within the model go are compliant with the applicable U.S. hecifications for computers. If a model tions, then energy efficiency data listed is high efficiency power supply, and a	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation*	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEI for a typically configured I Microsoft Windows® opera 115VAC, 60Hz	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a ating system. 230VAC, 50Hz	15.45 W 15.45 W 0.27 W 0.2 W bliant product if offered within the model go are compliant with the applicable U.S. becifications for computers. If a model tions, then energy efficiency data listed is high efficiency power supply, and a 100VAC, 50Hz	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation* Normal Operation (Short	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEI for a typically configured I Microsoft Windows® opera	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a ating system.	15.45 W 15.45 W 0.27 W 0.2 W Dilant product if offered within the model go are compliant with the applicable U.S. hecifications for computers. If a model tions, then energy efficiency data listed is high efficiency power supply, and a	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Off Heat Dissipation* Normal Operation (Short idle)	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEL for a typically configured I Microsoft Windows® opera 115VAC, 60Hz 52.7 BTU/hr	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a ating system. 230VAC, 50Hz 53.1 BTU/hr	15.45 W 15.45 W 0.27 W 0.2 W Deliant product if offered within the model go are compliant with the applicable U.S. the cifications for computers. If a model tions, then energy efficiency data listed is high efficiency power supply, and a 100VAC, 50Hz 52.8 BTU/hr	
method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation* Normal Operation (Short	15.4 W 15.4 W 0.27 W 0.27 W NOTE: Energy efficiency data list family. HP computers mar Environmental Protection family does not offer ENEI for a typically configured I Microsoft Windows® opera 115VAC, 60Hz	15.53 W 15.53 W 0.27 W 0.2 W ed is for an ENERGY STAR® comp ked with the ENERGY STAR® Log Agency (EPA) ENERGY STAR® sp RGY STAR® compliant configurat PC featuring a hard disk drive, a ating system. 230VAC, 50Hz	15.45 W 15.45 W 0.27 W 0.2 W bliant product if offered within the model go are compliant with the applicable U.S. secifications for computers. If a model tions, then energy efficiency data listed is high efficiency power supply, and a 100VAC, 50Hz	



Sleep	0.9 BT	Ū/hr	0.9 BTU/hr	0.9 BTU/hr
Off	0.9 BT		0.7 BTU/hr	0.7 BTU/hr
	* NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.			
Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeabl features and/or components contained in the			suseful life by several years. Upgradeable
	Spare parts a production.	are available t	hroughout the warranty p	eriod and or for up to "5" years after the end of
Additional Information	dired • This (WE • This Drin • This www • Plas ISO1	ctive - 2011/ HP product is EE) Directive - product is in king Water ar product is in v.epeat.net tics parts wei 1043.	65/EC. 5 designed to comply with - 2002/96/EC. compliance with California nd Toxic Enforcement Act of compliance with the IEEE ghing over 25 grams used	ictions of Hazardous Substances (RoHS) the Waste Electrical and Electronic Equipment Proposition 65 (State of California; Safe of 1986). 1680 (EPEAT) standard at the Gold level, see in the product are marked per ISO11469 and operly disposed of at end of life.
Packaging Materials	External:	PAPER/Cor	rugated	990 g
		PAPER/Cor	rugated	790 g
		PAPER/Mol	ded Pulp	570 g
	Internal:	PLASTIC/EF	PE (Expanded Polyethylend	e) 30 g
	The plastic packaging material contains at least 0.0% recycled content.			
-	The corrugated paper packaging materials contains at least 90% recycled content.			
RoHS Compliance	 HP Inc. complies fully with materials regulations. We were among the first correstrictions in the European Union (EU) Restriction of Hazardous Substances (Iproducts worldwide through the HP GSE. HP has contributed to the development legislation in Europe, as well as China, India, and Vietnam. We believe the RoHS directive and similar laws play an important role in promelimination of substances of concern. We have supported the inclusion of add including PVC, BFRs, and certain phthalates—in future RoHS legislation that pand electronics products. 		Hazardous Substances (RoHS) Directive to our tributed to the development of related mam. In important role in promoting industry-wide prted the inclusion of additional substances—	
	requirements scope of the evolve.	s for virtually commitment	all relevant products by Ju to include further restricte	e compliance with the new EU RoHS Ily 2013, and we will continue to extend the ed substances as regulations continue to ent, see HP RoHS position statement.



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. 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. 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

Technical Specifications

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Summary

Change Log				
January 10, 2023	V1 to V2	Added	Environmental Data	
	V3 to V4			