Technical Specifications

HP E24u G5 FHD USB-C Monitor



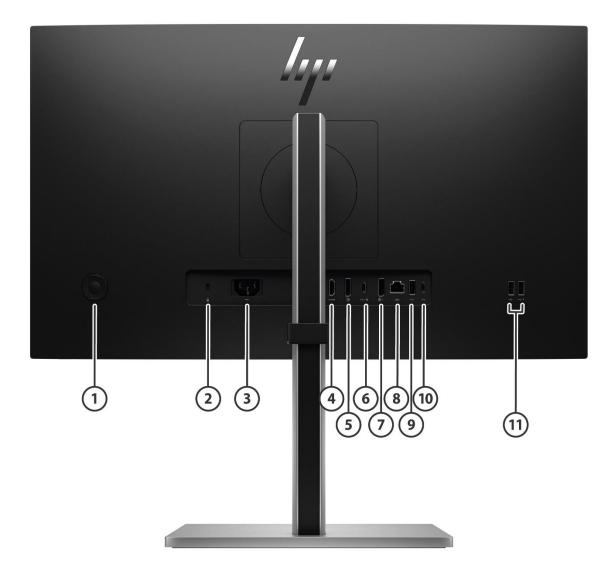
1. Power Button

Front 2. LED Power



Technical Specifications

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- 1. Joypad OSD button
- 2. Security Cable Slot
- 3. Power Connector
- 4. HDMI 1.4 Port
- 5. DisplayPort[™] 1.2
- 6. SuperSpeed USB Type-C[®] 5Gbps signaling rate (Up to 65W USB Power Delivery, Alt Mode DisplayPort[™] 1.2)

Back

- 7. DisplayPort[™] 1.2 out
- 8. RJ-45 Port
- 9. SuperSpeed USB Type-A 5Gbps signaling rate
- SuperSpeed USB Type-C[®] 5Gbps signaling rate (Up to 15W USB Power Delivery)
- **11.** SuperSpeed USB Type-A 5Gbps signaling rate (2, 1 charging)

Technical Specifications

Model: 6N4D0AA

Panel Specifications	Display Size (Diagonal)	23.8" (60.5 cm)
	Viewable Diagonal Size	23.8" (60.47 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)	250 nits
	Contrast Ratio (Static)	1000:1
	Dynamic Contrast Ratio	800000:1 =8M:1
	Flicker Free	Yes
	Pixel Pitch	0.27 x 0.27 mm
	Pixels Per Inch (PPI)	93 PPI
	Display Colors	Up to 16.7 million colors supported
	Backlight Lamp Life Minimum (To Half	30k
	Brightness - In Hours)	
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	3H
	Haze	25%
	Response Time (Typical)	5ms GtG (with overdrive)
	Horizontal Viewing Angle	178°
	(Typical Cr>10)	
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area Metric (W X H)	52.70 x 29.65 cm
	Panel Active Area Imperial (W X H)	20.75 x 11.67 in
	NOTE: Performance specifications represent th	he typical specifications provided by HP's component
	manufacturers; actual performance may vary o	either higher or lower.
Color	sRGB	99%
COLOI	SRUD	33%
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
riolitor specifications	Color Of Stand	Black & Silver
	Color Of Head	
		Black
	Tilt	-5° to +23°
	Swivel	±45°
	Pivot Vojekt Adjust Paras	±90°
	Height Adjust Range	150 mm
	Vesa Mounting	100 mm x 100 mm



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Technical Specificat	lions	
	Security Lock	Security 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)
	Management Software	HP Display Center, HP Display Manager*
	· ······ J ···· · · · · · · · · ·	*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 @ 60 Hz
	Resolutions	640 x 480 @ 75 Hz
		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 x1080 @ 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	86.0 kHz
	Maximum Pixel Clock	180.0 MHz
	User Programmable Modes	Yes, 18.
	User-Assignable Function Buttons	Yes, 4 (6 options)
	Languages	11 (English, Spanish, German, French, Italian,
		Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2
	DisplayPort™ Out	1 DisplayPort™ 1.2-out
	HDMI	1 HDMI 1.4
	HDCP	Yes, DisplayPort™, HDMI and USB Type-C®



Technical Specificat	ions	
	USB Type-C [®] Video Input	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
	USB Type-C® Data	1 SuperSpeed USB Type-C [®] 5Gbps signaling rate (Up to 15W USB Power Delivery)
	USB- A	3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
	ETHERNET	1 RJ-45 (10/100/1000 Mbps)
Special Features	SWITCH	Monitor Power button
		Next Active Input / Up button
		Information / Down button
		Brightness / 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.
	User Presets	18
	User Updateable Firmware	Yes
	Other Special Features	Single Power On
Power & Operating	Power Supply	Internal
Specs	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	160W
	Energy Saving/Stand By Mode	0.5W
	Power Consumption - Typical	23.5W
Energy Star Data	Operational Mode at 100 VAC	14.17 W
	Operational Mode at 115 VAC	14.17 W
	Operational Mode at 230 VAC	14.62 W
EU Energy Efficiency Class (ErP LOT-5)	On-mode Power Consumption for Standard Dynamic Range (SDR)	15.6W
	ErP LOT5 Energy Efficiency Class for	
	Standard Dynamic Range (SDR)	A E
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
	Fanrenneit Operating Humidity	20 – 80% Relative Humidity (non-condensing)
		20 – 80% Relative Humidity (non-condensing) 5 – 95%
	Non-Operating Humidity	5 - 5570



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Tech	nical	Spec	ificat	tions

Technical Specificat	ions		
	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			N modules, power cords, cables
		and peripherals excluded.	
	Agency Approvals and Certifications	WW application CE/CB/KC/KCC/NOM/PSB/ICE	
		307/cTUVus/GS/ISC/CCC/CE	
		Certified Edge/Hardware Lov	
		Star/VCCI/FCC/BSMI/BIS/NR	
		MEPS/Australian-New Zeala	
		EE/WEEE/EAC/PSE/E-Stand	
	Microsoft WHQL Certification	Win 11 (x64 only), Win 10 (x	64 only)
	Works With Chromebook Certified	Yes	
	ENERGY STAR [®] Certified	Yes	
	EPEAT [®] Registered	EPEAT [®] Gold in United State	S*
	Regions need to verify by country		
		*Based on US EPEAT® registrati 2018 EPEAT®. Status varies by	
		http://www.epeat.net for more	-
	China Energy Label	CEL Grade 1	
	TCO Certified Edge	Yes	
	TCO Certified	Yes	
	SmartWay Transport Partnership - NA	Yes (NA sku)	
	only		
Contains Recycled	Contains Recycled Plastics	Contains ocean-bound recyc	cled plastic*; 85% ITE-derived
Plastics		closed loop plastic**	
		* All plastic parts contain ocean	n-bound plastic. Percentage of
		ocean-bound plastic contained	in each component varies by
		product.	ato a succession to be and an also
		** ITE Derived Closed Loop Plas definition set in the IEEE 1680.	
	Recycled Metals	At least 30% recycled metal	
		*Recycled metal is expressed a	
		weight of the metal according t	to ISO 14021 definitions for metal
		parts over 25 grams.	
	Recyclable Packaging (Box, packing	Outside Box and corrugated	
	materials)	sustainably sourced and rec Molded Paper Pulp Cushion i	-
		sustainably sourced and rec	
		-	d corrugated cushions made from
		sustainably sourced certified ar	-
		**Molded pulp cushions are ma	de from 100% recycled wood
		fiber and organic materials.	
		<u>Metric</u>	<u>Imperial</u>
Unit Product/Package	Product Dimensions	53.94 x 21.1 x 50.7 cm	21.24 x 8.31 x 19.96 inch
Specifications	(Unpacked with stand) (W x D x H)		



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	Product Dimensions	62.1 x 14 x 40 cm	24.45 x 5.51 x 15.75 inch
	(Packed) (W x D x H)		
	Display Head Dimensions	53.94 x 4.7 x 32.26 cm	21.24 x 1.85 x 12.7 inch
	(Unpacked without stand) (W x D x H)	(w/o hinge)	(w/o hinge)
		53.94 x 7.5 x 32.26 cm	21.24 x 2.95 x 12.7 inch
		(w/ hinge)	(w/ hinge)
	Base Area Footprint	242 x 187 mm	9.53 x 7.36 inch
	(w x d mm)		
	Bezel Measurements	Bottom: 18.1 mm	Bottom: 0.71 inch
	Product Weight	6 kg	13.2 lb
	(Unpacked with stand)	2	
	Product Weight	8 kg	17.6 lb
	(Packed)	- 5	
	Product Weight	3.98 kg (w/o hinge)	8.77 lb (w/o hinge)
	(Head Only)	4.36 kg (w/ hinge)	9.61 lb (w/ hinge)
	(e.e. (e. (,
Pallet Information	Pallet Dimensions	Slip Sheet:	Slip Sheet:
	(L x W x H mm)	1128 x 629 x 2009 mm	44.41 x 24.76 x 79.09 inch
		(20' ft & 40' ft)	(20' ft & 40' ft)
		Slip Sheet:	Slip Sheet:
		1128 x 629 x 2412 mm	44.41 x 24.76 x 94.96 inch
		(40HQ)	(40HQ)
		Pallet:	Pallet:
		1128 x 629 x 2140 mm	44.41 x 24.76 x 84.25 inch
		(20' ft & 40' ft)	(20' ft & 40' ft)
		Pallet:	Pallet:
		1128 x 629 x 2540 mm	44.41 x 24.76 x 100 inch
		(40HQ)	(40HQ)
	Pallet Total Weight	Slip Sheet:	Slip Sheet:
	ratter rotat weight	323.84 kg (20' ft & 40' ft)	713.94 lbs (20' ft & 40' ft)
		Slip Sheet:	Slip Sheet:
		388.43 kg (40HQ)	856.33 lbs (40HQ)
		Pallet:	Pallet:
		336.18 kg (20' ft & 40' ft)	741.14 lbs (20' ft & 40' ft)
		Pallet:	Pallet:
		400.96 kg (40HQ)	883.96 lbs (40HQ)
	Pallet Layers	Slip Sheet: 5 layers (20' ft &	
	Fallet Layers	Slip Sheet: 6 layers (40' ft H	
		Pallet: 5 layers (20' ft & 40' f	
		Pallet: 6 layers (40' ft HQ)	
	Pallet Product per Layer	8 per layer (slip sheet)	
	Pallel Plouuci per Layer		
	Total Droducts nor Dallat	8 per layer (pallet)	10' f+)
	Total Products per Pallet	Slip Sheet: 40 sets (20' ft & 4	
		Slip Sheet: 48 sets (40' ft HC	
		Pallet: 40 sets (20' ft & 40' f	u)
	Container Load 20 Fast	Pallet: 48 sets (40' ft HQ)	
	Container Load, 20-Foot	720 sets (slip sheet)	
	Container Load 40 Fast	720 sets (pallet)	
	Container Load, 40-Foot	1520 sets (slip sheet)	



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	Container Load, 40-Foot HighQ	1520 sets (pallet) 1824 sets (slip sheet) 1824 sets (pallet)
What's in the box?	AC power cord (1.83m) 5.9ft USB 3.1 C-C cable (1.8m) 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 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 (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

NVIKUNMENTAL DATA		loric in the process of heine	a contified to the following approvals and may
Eco-Label Certifications & declarations	This product has received be labeled with one or mo IT ECO declaratio US ENERGY STAR US Federal Energ EPEAT® Gold reg status in your co TCO Certified Ed China Energy Co	ore of these marks: on R® gy Management Program (Fl gistered in the United States buntry. ge nservation Program (CECP) ronmental Protection Admir ark	. See http://www.epeat.net for registration
Sustainable Impact Specifications	-	ated cushions are 100% sus nion inside box is 100% sust	tainably sourced and recyclable ainably sourced and recyclable
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 (Short	14.17 W	14.62 W	14.17 W
idle)			
Normal Operation (Long idle)	14.17 W	14.62 W	14.17 W
Sleep	0.39 W	0.3 W	0.39 W
Off	0.34 W	0.31 W	0.34 W
	family. HP computers ma Environmental Protection family does not offer ENE	rked with the ENERGY STAR n Agency (EPA) ENERGY STAI ERGY STAR® compliant confi PC featuring a hard disk driv	compliant product if offered within the model [®] Logo are compliant with the applicable U.S. R [®] specifications for computers. If a model gurations, then energy efficiency data listed is ve, a high efficiency power supply, and a
Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation (Short idle)	48.5 BTU/hr	50.0 BTU/hr	48.5 BTU/hr
Normal Operation (Long idle)	48.5 BTU/hr	50.0 BTU/hr	48.5 BTU/hr



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Sleep	1.3 B1	ſU/hr	1.0 BTU/hr	1.3 BTU/hr
Off	1.2 B1		1.1 BTU/hr	1.2 BTU/hr
	* NOTE: Heat attained for (-	calculated based on the me	asured watts, assuming the service level is
Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.			
Additional Information	dire • This (WE • This Drin • This www • Plas ISO1	ctive - 2011/6 HP product is EE) Directive - product is in king Water an product is in w.epeat.net tics parts wei 1043.	55/EC. designed to comply with th - 2002/96/EC. compliance with California P d Toxic Enforcement Act of compliance with the IEEE 16 ghing over 25 grams used in	ions of Hazardous Substances (RoHS) e Waste Electrical and Electronic Equipment roposition 65 (State of California; Safe 1986). B0 (EPEAT) standard at the Gold level, see the product are marked per ISO11469 and erly disposed of at end of life.
Packaging Materials	External:	PAPER/Pap	er	735 g
		PAPER/Pap		520 g
		•		
		PAPER/Mol	•	460 g
	Internal:		E (Expanded Polyethylene)	14 g
			E (Expanded Polyethylene)	6 g
			E (Expanded Polyethylene)	4 g
			terial contains at least 0.0%	-
RoHS Compliance	 The corrugated paper packaging materials contains at least 92.7% recycled content. HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam. We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to electrical and electronics products. We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve. 			ere among the first companies to extend the azardous Substances (RoHS) Directive to our buted to the development of related
				ed the inclusion of additional substances—
				2013, and we will continue to extend the
	To obtain a c	opy of the HP	RoHS Compliance Statemen	t, see HP RoHS position statement.



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Material Usage	This product does not contain any of the following substances in excess of regulatory limits (refe
-	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



Technical Specifications

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	For more information about HP's commitment to the environment:
Environmental 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

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Summary

Change Log			
February 8, 2023	V1 to V2	Added	Environmental Data
March 28, 2023	V2 to V3	Added	Works With Chromebook Certified in Certifications and Compliances section
April 12, 2023	V3 to V4	Updated	Color Management section
	V4 to V5		

