

### Technical Specifications

#### HP Z34c G3 WQHD Curved Display

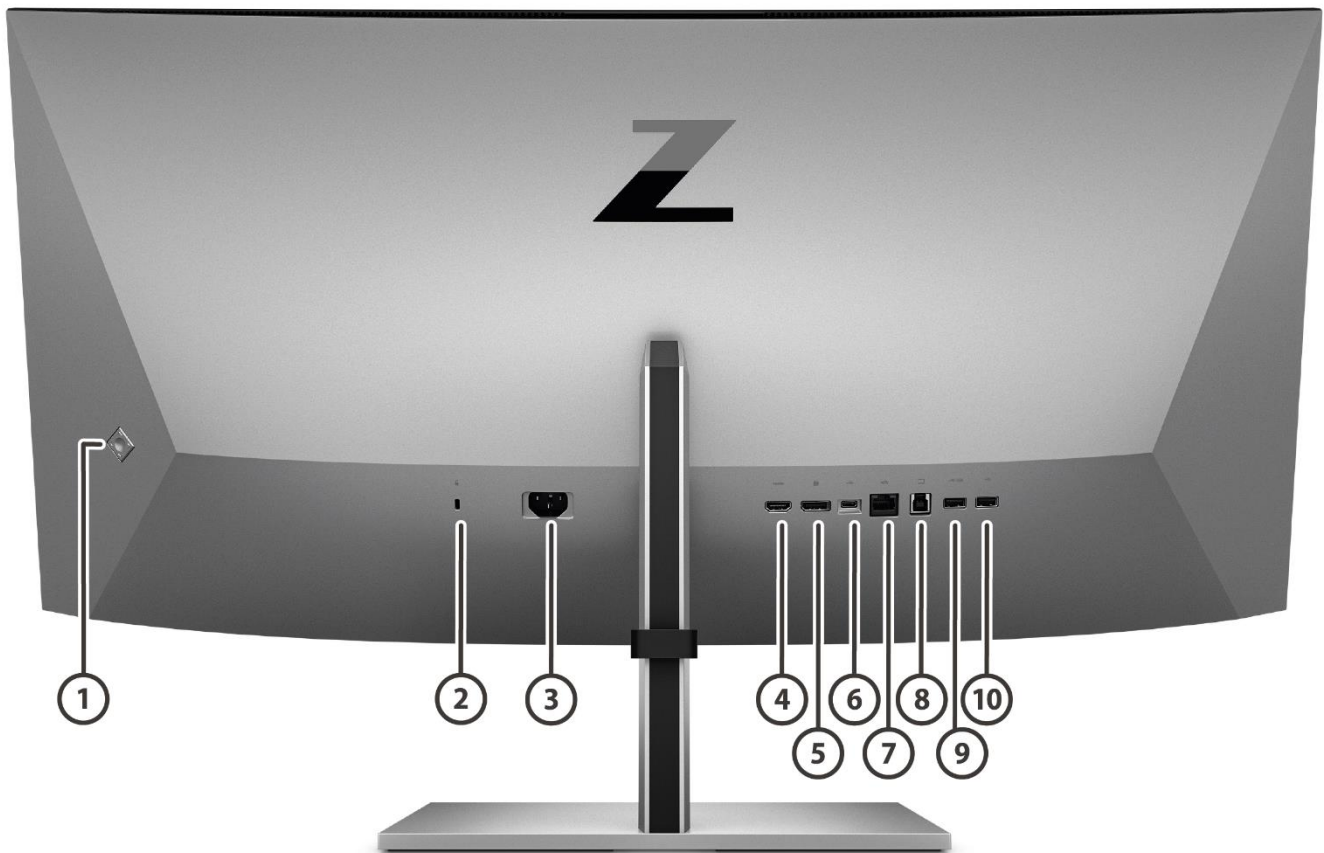


#### Front

- |    |                 |     |                 |
|----|-----------------|-----|-----------------|
| 1. | Tilt levers     | 6.  | Camera IR Light |
| 2. | Microphones (2) | 7.  | Speakers        |
| 3. | Camera Light    | 8.  | USB Ports (2)   |
| 4. | Camera RGB Lens | 9.  | Power Button    |
| 5. | Camera IR Lens  | 10. | Power LED       |

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1. OSD Button
2. Security Cable Slot
3. Power Connector
4. HDMI Port
5. DisplayPort™ connector

#### Back

6. USB Type-C®
7. RJ-45 (Network) Port
8. USB-B Port (Upstream)
9. USB Port (Includes KVM connection)
10. USB Port

### Technical Specifications


**Model:** 30A19AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	34 inches
	<b>Panel Technology</b>	IPS
	<b>Curved</b>	1900R
	<b>Max Refresh Rate</b>	60Hz
	<b>Panel Bit Depth</b>	1.07B colors / 10 bit (8bit + FRC)
	<b>Aspect Ratio</b>	21:9
	<b>Brightness (Typical)</b>	350 nits
	<b>Contrast Ratio (Static)</b>	1,000: 1
	<b>Dynamic Contrast Ratio</b>	10M:1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.2325 x 0.2325 mm
	<b>Pixels Per Inch (PPI)</b>	110 PPI
	<b>Backlight Lamp Life Minimum (To Half Brightness - In Hours)</b>	30000k
	<b>Backlight Type</b>	Edge-lit
	<b>Screen Treatment</b>	Anti-glare
	<b>Hardness</b>	3H
	<b>Haze</b>	25
	<b>Response Time (Typical)</b>	6ms GtG (with overdrive)
	<b>Horizontal Viewing Angle (Typical CR&gt;10)</b>	178°
	<b>Vertical Viewing Angle (Typical CR&gt;10)</b>	178°
	<b>Panel Active Area Metric (W x H)</b>	799.8 x 334.8 mm
	<b>Panel Active Area Imperial (W x H)</b>	31.49 x 13.18 in
<b>NOTE:</b> Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
<b>Color</b>	<b>sRGB</b>	99%
	<b>BT.709</b>	99%
	<b>DCI-P3</b>	85%
<b>Color Management</b>	<b>Factory Color Calibrated</b>	Yes
	<b>Calibrated Color Presets</b>	sRGB, (D65), P3 (D65), BT.709 (D65), Warm, Neutral, Cool, Native, HP Enhance+
	<b>Color Space/ Subsampling Support</b>	RGB 4:4:4
	<b>RGB Channel Adjust</b>	Yes, Gain, downstream from color preset
<b>Monitor Specifications</b>	<b>Default Color Temperature</b>	6500K
	<b>Bezel Type</b>	3-sided borderless
	<b>Color Of Stand</b>	Black/ Silver
	<b>Color Of Head</b>	Black/ Silver
	<b>Tilt</b>	-5° to +10°
	<b>Swivel</b>	Yes, -30° to +30°
	<b>Height Adjust Range</b>	150mm
	<b>Vesa Mounting</b>	VESA Mount adapter 100 x 100 mm
	<b>Security Lock</b>	Standard Security Lock Slot
	<b>Detachable Stand</b>	Yes
	<b>Warranty</b>	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
	<b>Low Blue Light</b>	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	<b>Zero Bright Dot Warranty</b>	Yes

### Technical Specifications

	<b>Webcam</b> <b>Webcam Features</b> <b>Windows Hello Compatible</b> <b>Microphone</b> <b>Speaker Output Power</b> <b>Certified Collaboration Software</b> <b>Display Software</b>	5 MP Tilt/IR Sensor/Pop-up privacy Yes Yes (noise cancelling) 2 x 5W Zoom HP Display Center, HP Display Manager* *(GUIDE USERS TO SOFTWARE URL. HP DISPLAY CENTER: <a href="https://www.microsoft.com/en-us/p/hp-display-center/9nt6fq9kqf90#activetab=pivot:overviewtab">https://www.microsoft.com/en-us/p/hp-display-center/9nt6fq9kqf90#activetab=pivot:overviewtab</a> )
<b>On Screen Display (OSD)</b>	<b>On Screen Display</b>  <b>Native Resolution</b>   <b>Maximum Resolution</b> <b>Preset Graphic Modes/Supported Resolutions</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit 3440 x 1440 <b>NOTE:</b> DisplayPort 1.2 or HDMI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3440 x 1440 at 60 Hz with 10-bit color using one DP, HDMI, or USB-C (DP alt mode). 3440 x 1440 @ 60 Hz 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 1920 x 1200 @ 60 Hz 2560 x 1080 @ 60 Hz 2560 x 1440 @ 60 Hz 3440 x 1440 @ 60 Hz 3440 x 1440 @ 50 Hz (HDMI only)
	<b>Minimum Vertical Scan Rate</b> <b>Maximum Vertical Scan Rate</b> <b>Minimum Horizontal Scan Rate</b> <b>Maximum Horizontal Scan Rate</b> <b>Maximum Pixel Clock</b> <b>User Programmable Modes</b> <b>User-Assignable Function Buttons</b> <b>Audio</b> <b>Languages</b>	59 Hz 61 Hz 87.9 kHz 89.8 kHz 323.3 MHz Yes, 16 Yes, 4 (7 Options) Built-in speakers 10(German, Simplified Chinese, Traditional Chinese, English, Spanish, EU French, Italian, Japanese, Dutch (Netherlands), Brazilian Portuguese)
<b>Connector Types</b>	<b>DisplayPort™</b> <b>HDMI</b> <b>HDCP</b> <b>USB Type-C® Video Input</b> <b>USB Type-C® Data</b>  <b>USB- A</b> <b>USB-B (Hub enablement)</b> <b>ETHERNET</b>	1 DisplayPort™ 1.4 1 HDMI 2.0 DisplayPort™ and HDMI 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4) 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery) 4 SuperSpeed USB Type-A 5Gbps signaling rate 1 USB-B Yes

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	<b>KVM Keyboard Port</b>	Yes	
<b>Special Features</b>	<b>Picture-in-Picture, Picture-by-Picture SWITCH</b>	Yes	
	<b>User Presets</b>	OSD buttons (up/down/left/right/enter)	
	<b>User Updateable Firmware</b>	SRGB	
	<b>Manageability</b>	Yes PXE, WOL (In-band), MAPT (In-band)	
<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal	
	<b>Power Source</b>	90 – 265 VAC 47/63	
	<b>Power Consumption- Max</b>	250 W	
	<b>Energy Saving/Stand By Mode</b>	0.5 W	
<b>Energy Star Data</b>	<b>Power Consumption- Typical</b>	60 W	
	<b>Operational Mode at 100 VAC</b>	29.44 W	
	<b>Operational Mode at 115 VAC</b>	29.37 W	
	<b>Operational Mode at 230 VAC</b>	29.41 W	
<b>EU Energy Efficiency Class (ErP LOT-5)</b>	<b>On-mode Power Consumption</b>	40.12 W	
	<b>Energy Efficiency Class</b>		
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	5° – 35°C	
	<b>Operating Temperature - Fahrenheit</b>	41° – 95°F	
	<b>Non-Operating Temperature - Celsius</b>	-40° – 65°C	
	<b>Non-Operating Temperature - Fahrenheit</b>	-40° – 149°F	
	<b>Operating Humidity</b>	20 – 80% Relative Humidity (non-condensing)	
	<b>Non-Operating Humidity</b>	5 – 95%	
	<b>Operating Altitude</b>	0 – 5,000 m (16,400 ft.)	
	<b>Non-operating Altitude</b>	0 – 12,192 m (40,000 ft.)	
<b>Certifications and Compliances</b>	<b>Agency Approvals and Certifications</b>	WW application CE/ CB/ KC/ KCC/ NOM/ PSB/ ICE/ TUV-S/ ISO 9241-307/ EAC/ UL/ CSA/ PSB/ ISC/ CCC/ CEL/ CECP/ SEPA/ TCO/ TCO Certified Edge/ Energy Star/ Erp lot 5/ Ergo/ HW low blue light / ISC/ VCCI/ FCC/ BSMI/ WEEE/ Zoom Certified/ Window Hello	
	<b>Microsoft WHQL Certification</b>	Win 10	
	<b>SmartWay Transport Partnership - NA only</b>	Yes (NA sku)	
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	<b>Metric</b> 81.38 x 27.25 x 58.52 cm	<b>Imperial</b> 32.04 x 10.73 x 23.04 in
	<b>Product Dimensions</b> (Packed) (W x D x H)	95.2 x 22.6 x 50.4 cm	37.48 x 8.9 x 19.84 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	81.38 x 10.5 x 38.92 cm	32.04 x 4.13 x 15.32 in
	<b>Base Area Footprint</b> (w x d mm)	300 x 250 mm	11.81 x 9.84 in
	<b>Bezel Measurements</b> (Unpacked with stand) (W x D x H)	top 1.6 mm side 1.6 mm bottom 42 mm	top 0.06 in side 0.06 in bottom 1.65 in
	<b>Product Weight</b> (Unpacked with stand)	11.1 kg	24.47 lb
	<b>Product Weight</b>	16.2 kg	35.7 lb

### Technical Specifications

	(Packed) <b>Product Weight</b> (Head Only)	8.6 kg	19 lb
<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H mm)	Slip Sheet: 1130 x 952 x 2016 mm (20' ft & 40' ft & 40HQ) Pallet: 1130 x 952 x 2144 mm (20' ft & 40' ft & 40HQ) Slip Sheet: 328.9 kg (20' ft & 40' ft & 40HQ) Pallet: 342.7 kg (20' ft & 40' ft & 40HQ) 4 layers per pallet 5 per layer (slip sheet & pallet) 20 sets per pallet (slip sheet & pallet) 240 sets (slip sheet and pallet) 480 sets (slip sheet and pallet) 480 sets (slip sheet and pallet)	Slip Sheet: 44.49 x 37.48 x 79.37 inch (20' ft & 40' ft & 40HQ) Pallet: 44.49 x 37.48 x 84.41 inch (20' ft & 40' ft & 40HQ) Slip Sheet: 725.1 lb (20' ft & 40' ft & 40HQ) Pallet: 755.52 lb (20' ft & 40' ft & 40HQ)"
	<b>Pallet Total Weight</b>		
	<b>Pallet Layers</b> <b>Pallet Product per Layer</b> <b>Total Products per Pallet</b> <b>Container Load, 20-Foot</b> <b>Container Load, 40-Foot</b> <b>Container Load, 40-Foot HighQ</b>		
<b>What's in the box?</b>	AC power cord (1.8m) 6.2 ft DP cable (1.8m) 6.2 ft USB-A-B (1.8m) 6.2 ft HDMI cable (1.8m) 6.2 ft USB-C-C (1.8m) 6.2 ft Warranty Card QSP Color calibration report VESA Adapter		
<b>User Guide and Warranty Languages</b>	<b>User Guide Languages</b>  <b>Warranty Languages</b>	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 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	



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#### ENVIRONMENTAL DATA

<b>Eco-Label Certifications &amp; declarations</b>	<ul style="list-style-type: none"> <li>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:</li> <li>US ENERGY STAR®</li> <li>US Federal Energy Management Program (FEMP)</li> <li>EPEAT® Gold: registered in the United States. See <a href="http://www.epeat.net">http://www.epeat.net</a> for registration status in your country.</li> <li>TCO Certified</li> <li>China Energy Conservation Program (CECP)</li> <li>China State Environmental Protection Administration (SEPA)</li> <li>Taiwan Green Mark</li> <li>Korea Eco-label</li> <li>Japan PC Green label*</li> </ul>		
<b>Sustainable Impact Specifications</b>	<ul style="list-style-type: none"> <li>Ocean-bound plastic in (Webcam, Holder Deco, Joystick)</li> <li>80% post-consumer recycled plastic</li> <li>Low halogen</li> <li>Outside Box and corrugated cushions are 100% sustainably sourced and recyclable</li> <li>Molded Paper Pulp Cushion inside box is 100% sustainably sourced and recyclable</li> <li>Recycled Plastic cushions</li> </ul>		
<b>System Configuration</b>	The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a “Typically Configured Notebook”.		
<b>Energy Consumption (in accordance with US ENERGY STAR® test method)</b>	<b>115VAC, 60Hz</b>	<b>230VAC, 50Hz</b>	<b>100VAC, 50Hz</b>
Normal Operation (Short idle)	29.37 W	29.44 W	29.41 W
Sleep	0.27 W	0.27 W	0.25 W
Off	0.13 W	0.13 W	0.13 W
	<p>Note: Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.</p>		
<b>Heat Dissipation*</b>	<b>115VAC, 60Hz</b>	<b>230VAC, 50Hz</b>	<b>100VAC, 50Hz</b>
Normal Operation (Short idle)	100.45 BTU/hr	100.68 BTU/hr	100.58 BTU/hr
Sleep	0.92 BTU/hr	0.92 BTU/hr	0.86 BTU/hr
Off	0.44 BTU/hr	0.44 BTU/hr	0.44 BTU/hr
	*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
<b>Longevity and Upgrading</b>	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.		

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Additional Information	<ul style="list-style-type: none"><li>This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC.</li><li>This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.</li><li>This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).</li><li>This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see <a href="http://www.epeat.net">http://www.epeat.net</a></li><li>Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.</li><li>This product is 97.9% recycle-able when properly disposed of at end of life.</li></ul>		
Packaging Materials	External:	PAPER/Corrugated	2936 g
		PAPER/Paperboard	950 g
	Internal:	PLASTIC/Polyethylene Expanded - EPE	210 g
	The plastic packaging material contains at least 12.6% recycled content.		
	The corrugated paper packaging materials contains at least 100% recycled content.		
RoHS Compliance	<p>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.</p> <p>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.</p> <p>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.</p> <p>To obtain a copy of the HP RoHS Compliance Statement, see <a href="#">HP RoHS position statement</a>.</p>		
Material Usage	<p>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 <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html">http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html</a>):</p> <ul style="list-style-type: none"><li>Asbestos</li><li>Certain Azo Colorants</li><li>Certain Brominated Flame Retardants – may not be used as flame retardants in plastics</li><li>Cadmium</li><li>Chlorinated Hydrocarbons</li><li>Chlorinated Paraffins</li><li>Bis(2-Ethylhexyl) phthalate (DEHP)</li><li>Benzyl butyl phthalate (BBP)</li><li>Dibutyl phthalate (DBP)</li><li>Diisobutyl phthalate (DIBP)</li><li>Formaldehyde</li><li>Halogenated Diphenyl Methanes</li><li>Lead carbonates and sulfates</li><li>Lead and Lead compounds</li><li>Mercuric Oxide Batteries</li><li>Nickel – finishes must not be used on the external surface designed to be frequently</li></ul>		



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	<p>handled or carried by the user.</p> <ul style="list-style-type: none"> <li>• Ozone Depleting Substances</li> <li>• Polybrominated Biphenyls (PBBs)</li> <li>• Polybrominated Biphenyl Ethers (PBBEs)</li> <li>• Polybrominated Biphenyl Oxides (PBBOs)</li> <li>• Polychlorinated Biphenyl (PCB)</li> <li>• Polychlorinated Terphenyls (PCT)</li> <li>• Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.</li> <li>• Radioactive Substances</li> <li>• Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)</li> </ul>
<b>Packaging Usage</b>	<p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> <li>• Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.</li> <li>• Eliminate the use of ozone-depleting substances (ODS) in packaging materials.</li> <li>• Design packaging materials for ease of disassembly.</li> <li>• Maximize the use of post-consumer recycled content materials in packaging materials.</li> <li>• Use readily recyclable packaging materials such as paper and corrugated materials.</li> <li>• Reduce size and weight of packages to improve transportation fuel efficiency.</li> <li>• Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.</li> </ul>
<b>End-of-life Management and Recycling</b>	<p>HP offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <a href="http://www.hp.com/go/reuse-recycle">http://www.hp.com/go/reuse-recycle</a> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.</p> <p>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: <a href="http://www.hp.com/go/recyclers">http://www.hp.com/go/recyclers</a>. 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.</p>
<b>HP, Inc. Corporate Environmental Information</b>	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report  <a href="http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html">http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</a></p> <p>Eco-label certifications  <a href="http://www8.hp.com/us/en/hp-information/environment/ecolabels.html">http://www8.hp.com/us/en/hp-information/environment/ecolabels.html</a></p> <p>ISO 14001 certificates:  <a href="http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842">http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842</a>  and  <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf">http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</a></p>
<b>footnotes</b>	<ul style="list-style-type: none"> <li>• Percentage of ocean-bound plastic contained in each component varies by product</li> <li>• Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.</li> <li>• External power supplies, WWAN modules, power cords, cables and peripherals excluded.</li> <li>• 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.</li> <li>• Plastic cushions are made from &gt;90% recycled plastic.</li> </ul>

### *Technical Specifications*

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Summary

Change Log			
November 2, 2021	V1 to V2	Update	Native Resolution section
November 11, 2021	V2 to V3	Add	Environmental Data
	V3 to V4		