

Technical Specifications

HP Z34c G3 WQHD Curved Display



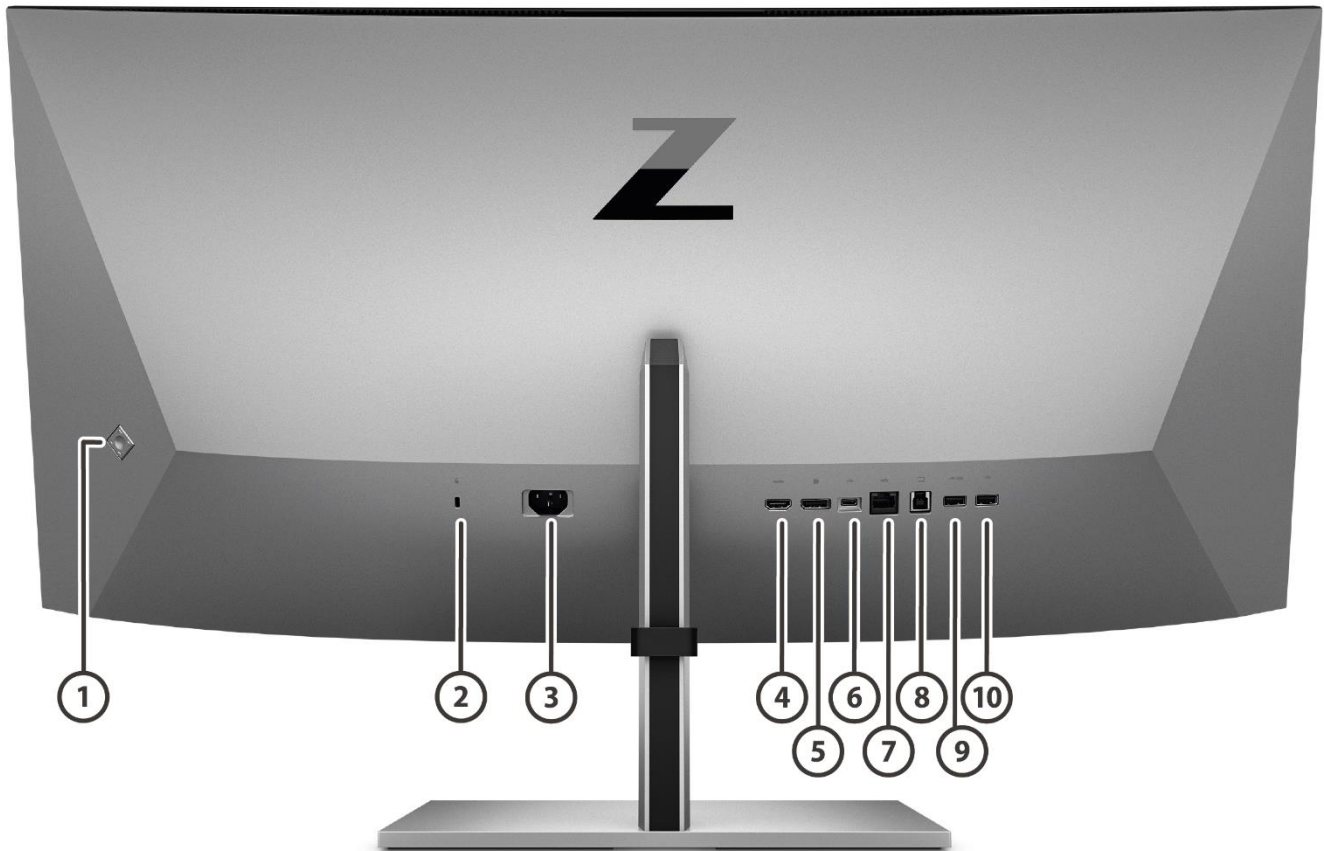
1. Tilt levers
2. Microphones (2)
3. Camera Light
4. Camera RGB Lens
5. Camera IR Lens

Front

6. Camera IR Light
7. Speakers
8. USB Ports (2)
9. Power Button
10. Power LED

Technical Specifications

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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

Panel Specifications	Display Size (Diagonal) 34 inches Panel Technology IPS Curved 1900R Max Refresh Rate 60Hz Panel Bit Depth 1.07B colors / 10 bit (8bit + FRC) Aspect Ratio 21:9 Brightness (Typical) 350 nits Contrast Ratio (Static) 1,000: 1 Dynamic Contrast Ratio 10M:1 Flicker Free Yes Pixel Pitch 0.2325 x 0.2325 mm Pixels Per Inch (PPI) 110 PPI Backlight Lamp Life Minimum (To Half Brightness - In Hours) 30000k Backlight Type Edge-lit Screen Treatment Anti-glare Hardness 3H Haze 25 Response Time (Typical) 6ms GtG (with overdrive) Horizontal Viewing Angle (Typical CR>10) 178° Vertical Viewing Angle (Typical CR>10) 178° Panel Active Area Metric (W x H) 799.8 x 334.8 mm Panel Active Area Imperial (W x H) 31.49 x 13.18 in
	<p>NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>
Color	sRGB 99% BT.709 99% DCI-P3 85%
Color Management	Factory Color Calibrated Yes (Delta E <=2) Calibrated Color Presets sRGB, (D65), P3 (D65), BT.709 (D65), Warm, Neutral, Cool, Native, HP Enhance+ Color Space/ Subsampling Support RGB 4:4:4 RGB Channel Adjust Yes, Gain, downstream from color preset Default Color Temperature 6500K
Monitor Specifications	Bezel Type 3-sided borderless Color Of Stand Black/ Silver Color Of Head Black/ Silver Tilt -5° to +10° Swivel Yes, -30° to +30° Height Adjust Range 150mm Vesa Mounting VESA Mount adapter 100 x 100 mm Security Lock Standard Security Lock Slot 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) Zero Bright Dot Warranty Yes

Technical Specifications

	Webcam	5 MP
	Webcam Features	Tilt/IR Sensor/Pop-up privacy
	Windows Hello Compatible	Yes
	Microphone	Yes (noise cancelling)
	Speaker Output Power	2 x 5W
	Certified Collaboration Software	Zoom
	Display Software	HP Display Center, HP Display Manager* *(GUIDE USERS TO SOFTWARE URL. HP DISPLAY CENTER: https://www.microsoft.com/en-us/p/hp-display-center/9nt6fq9kqf90#activetab=pivot:overviewtab)
On Screen Display (OSD)	On Screen Display	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	Native Resolution	3440 x 1440 NOTE: 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).
	Maximum Resolution	3440 x 1440 @ 60 Hz
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz 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)
	Minimum Vertical Scan Rate	59 Hz
	Maximum Vertical Scan Rate	61 Hz
	Minimum Horizontal Scan Rate	87.9 kHz
	Maximum Horizontal Scan Rate	89.8 kHz
	Maximum Pixel Clock	323.3 MHz
	User Programmable Modes	Yes, 16
	User-Assignable Function Buttons	Yes, 4 (7 Options)
	Audio	Built-in speakers
	Languages	10(German, Simplified Chinese, Traditional Chinese, English, Spanish, EU French, Italian, Japanese, Dutch (Netherlands), Brazilian Portuguese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.4
	HDMI	1 HDMI 2.0
	HDCP	DisplayPort™ and HDMI
	USB Type-C® Video Input	100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
	USB Type-C® Data	1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery)
	USB- A	4 SuperSpeed USB Type-A 5Gbps signaling rate
	USB-B (Hub enablement)	1 USB-B
	ETHERNET	Yes

Technical Specifications

	KVM Keyboard Port	Yes	
Special Features	Picture-in-Picture, Picture-by-Picture SWITCH User Presets User Updateable Firmware Manageability	Yes OSD buttons (up/down/left/right/enter) SRGB Yes PXE, WOL (In-band), MAPT (In-band)	
Power & Operating Specs	Power Supply Power Source Power Consumption- Max Energy Saving/Stand By Mode Power Consumption- Typical	Internal 90 – 265 VAC 47/63 250 W 0.5 W 60 W	
Energy Star Data	Operational Mode at 100 VAC Operational Mode at 115 VAC Operational Mode at 230 VAC	29.44 W 29.37 W 29.41 W	
EU Energy Efficiency Class (ErP LOT-5)	On-mode Power Consumption Energy Efficiency Class	32 W 	
Operating Conditions	Operating Temperature - Celsius Operating Temperature - Fahrenheit Non-Operating Temperature - Celsius Non-Operating Temperature - Fahrenheit Operating Humidity Non-Operating Humidity Operating Altitude Non-operating Altitude	5° – 35°C 41° – 95°F -40° – 65°C -40° – 149°F 20 – 80% Relative Humidity (non-condensing) 5 – 95% 0 – 5,000 m (16,400 ft.) 0 – 12,192 m (40,000 ft.)	
Certifications and Compliances	Agency Approvals and Certifications Microsoft WHQL Certification SmartWay Transport Partnership - NA only	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 Win 10 Yes (NA sku)	
Unit Product/Package Specifications	Product Dimensions (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 (Unpacked with stand) (W x D x H) Product Weight (Unpacked with stand)	Metric 81.38 x 27.25 x 58.52 cm 95.2 x 22.6 x 50.4 cm 81.38 x 10.5 x 38.92 cm 300 x 250 mm top 1.6 mm side 1.6 mm bottom 42 mm 11.1 kg	Imperial 32.04 x 10.73 x 23.04 in 37.48 x 8.9 x 19.84 in 32.04 x 4.13 x 15.32 in 11.81 x 9.84 in top 0.06 in side 0.06 in bottom 1.65 in 24.47 lb

Technical Specifications

	Product Weight (Packed)	16.2 kg	35.7 lb
	Product Weight (Head Only)	8.6 kg	19 lb
Pallet Information	Pallet Dimensions (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: 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)
	Pallet Total Weight	Slip Sheet: 328.9 kg (20' ft & 40' ft & 40HQ) Pallet: 342.7 kg (20' ft & 40' ft & 40HQ)	Slip Sheet: 725.1 lb (20' ft & 40' ft & 40HQ) Pallet: 755.52 lb (20' ft & 40' ft & 40HQ)"
	Pallet Layers	4 layers per pallet	
	Pallet Product per Layer	5 per layer (slip sheet & pallet)	
	Total Products per Pallet	20 sets per pallet (slip sheet & pallet)	
	Container Load, 20-Foot	240 sets (slip sheet and pallet)	
	Container Load, 40-Foot Container Load, 40-Foot HighQ	480 sets (slip sheet and pallet) 480 sets (slip sheet and pallet)	
What's in the box?	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		
User Guide and Warranty Languages	User Guide 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	
	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	

Technical Specifications

ENVIRONMENTAL DATA

Eco-Label Certifications & declarations	<ul style="list-style-type: none"> 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: 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 China Energy Conservation Program (CECP) China State Environmental Protection Administration (SEPA) Taiwan Green Mark Korea Eco-label Japan PC Green label* 		
Sustainable Impact Specifications	<ul style="list-style-type: none"> Ocean-bound plastic in (Webcam, Holder Deco, Joystick) 80% post-consumer recycled plastic Low halogen 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 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 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>		
Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
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
	<p>*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.</p>		
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.		

Technical Specifications

Additional Information	<ul style="list-style-type: none"> This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC. This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC. This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see http://www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043. This product is 97.9% recycle-able when properly disposed of at end of life. 		
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 HP RoHS position statement.</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 http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):</p> <ul style="list-style-type: none"> 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 		

Technical Specifications

	<p>handled or carried by the user.</p> <ul style="list-style-type: none"> • 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)
<p>Packaging Usage</p>	<p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> • 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.
<p>End-of-life Management and Recycling</p>	<p>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.</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: 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.</p>
<p>HP, Inc. Corporate Environmental Information</p>	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</p> <p>Eco-label certifications http://www8.hp.com/us/en/hp-information/environment/ecolabels.html</p> <p>ISO 14001 certificates: http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</p>
<p>footnotes</p>	<ul style="list-style-type: none"> • 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. • Plastic cushions are made from >90% recycled plastic.

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
February 8, 2023	V3 to V4	Update	Energy Efficiency Class section
February 16, 2023	V4 to V5	Update	Color Management section
	V5 to V6		