

Technical Specifications

HP Z40c G3 WUHD Curved Display

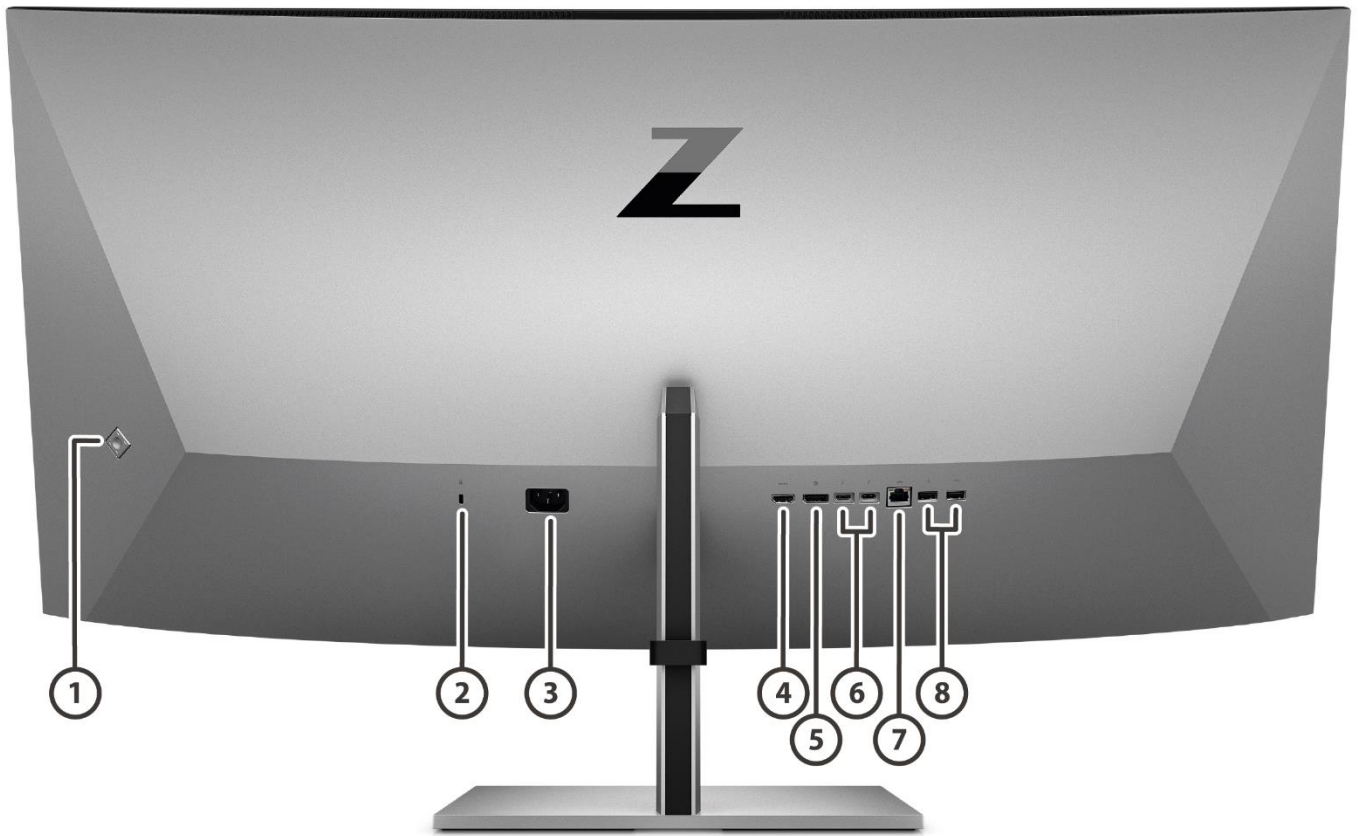


Front

- | | | | |
|----|-----------------|-----|---------------------------|
| 1. | Tilt levers | 7. | Speakers |
| 2. | Microphones (2) | 8. | USB Ports (2) |
| 3. | Camera Light | 9. | PbP or Brightness buttons |
| 4. | Camera RGB Lens | 10. | Power Button |
| 5. | Camera IR Lens | 11. | Power LED |
| 6. | Camera IR Light | | |

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1. OSD Button
2. Security Cable Slot
3. Power Connector
4. HDMI Port

Back

5. DisplayPort™ connector
6. Thunderbolt ports (2)
7. RJ-45 (Network) Port
8. USB Ports (2)

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Model: 30A19AA

Panel Specifications	Display Size (Diagonal) Panel Technology Curved Max Refresh Rate Native Resolution Panel Bit Depth Aspect Ratio Brightness (Typical) Contrast Ratio (Static) Dynamic Contrast Ratio Flicker Free Pixel Pitch Pixels Per Inch (PPI) Backlight Lamp Life Minimum (To Half Brightness - In Hours) Backlight Type Screen Treatment Hardness Haze Response Time (Typical) Horizontal Viewing Angle (Typical CR>10) Vertical Viewing Angle (Typical CR>10) Panel Active Area Metric (W x H) Panel Active Area Imperial (W x H)	39.7 inches IPS 2500R 60HZ WUHD (5120 x 2160) 10 bit (8bit +FRC) 21:9 300 nits 1,000: 1 10M:1 Yes 0.18 x 0.18mm 139 PPI 30k Edge-lit Anti-glare 3H 25% 14ms GtG 178° 178° 92.928 x 39.204 cm 36.59 x 15.43 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 DCI-P3	100% 98%
Color Management	Factory Color Calibrated Calibrated Color Presets Color Space/ Subsampling Support RGB Channel Adjust Default Color Temperature	Yes DCI P3 D65, BT.709, sRGB D65 RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2 Yes, Gain DCI P3 (D65)
Monitor Specifications	Bezel Type Color Of Stand Color Of Head Tilt Swivel Height Adjust Range VESA Mounting Security Lock Detachable Stand Warranty Low Blue Light Zero Bright Dot Warranty Webcam	3-sided borderless Black/ Silver Black/ Silver -5° to +20° ±30° 150 mm 100 mm x 100 mm (bracket included) Standard Security Lock Slot Yes 3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries) Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) Yes 13 MP

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	Webcam Features	Independent tilt -20° to 5°; Windows Hello support (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* *Host PC requires Windows 10. HP Display Center is available on the Microsoft store.
On Screen Display (OSD)	On Screen Display	Brightness+, Color, Image, Input, PbP, Power, Menu, Management, Exit
	Native Resolution	WUHD (5120 x 2160) NOTE: DisplayPort 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 5120 x 2160 at 60 Hz with 10-bit color using one DP, HDMI, or USB-C (DP alt mode).
	Maximum Resolution	5120x2160 @60Hz
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60 Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1600 x 1200 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz 1920 x 1200 @ 60 Hz 2560 x 1440 @ 60 Hz 2560 x 1600 @ 60 Hz 2560 x 2160 @ 60 Hz (PbP) 3840 x 2160 @ 30 Hz 3840 x 2160 @ 60 Hz 4096 x 2160 @ 30 Hz 4096 x 2160 @ 60 Hz 5120 x 2160 @ 30 Hz 5120 x 2160 @ 60 Hz (Except HDMI)
	Minimum Vertical Scan Rate	29 Hz
	Maximum Vertical Scan Rate	71 Hz
	Minimum Horizontal Scan Rate	15.0 kHz
	Maximum Horizontal Scan Rate	134.0 kHz
	Maximum Pixel Clock	710.0 MHz
	User-Assignable Function Buttons	Yes, 4 (8 options)
	Audio	Built-in speakers
	Languages	11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese, Russian)
Connector Types	DisplayPort™	1 DisplayPort™ 1.4
	HDMI	1 HDMI 2.0
	HDCP	Yes, DisplayPort and HDMI
	USB Type-C® Video Input & Data Transfer	2 Thunderbolt 3.0 up to 40Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4, SuperSpeed USB 5Gbps signaling rate)

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	USB- A	4 SuperSpeed USB Type-A 5Gbps signaling rate	
	ETHERNET	Yes	
Special Features	Picture-in-Picture, Picture-by-Picture SWITCH	Yes, PBP only OSD buttons (up/down/left/right/enter) PbP or Brightness buttons (L/R when PbP on, Plus ("+")/Minus ("-") when PbP off.	
	Remote Manageability	In-Band MAPT, In-Band WoL, PXE Boot	
	Video legal limiting (64–960)	Yes	
	User Updateable Firmware	Yes	
	Device Bridge 2.0	Yes	
Power & Operating Specs	Power Supply	Internal	
	Power Source	100 – 240 VAC 50/60 Hz	
	Power Consumption- Max	310 W	
	Energy Saving/Stand By Mode	0.5 W	
	Power Consumption- Typical	72 W	
Energy Star Data	Operational Mode at 100 VAC	52.54 W	
	Operational Mode at 115 VAC	52.51 W	
	Operational Mode at 230 VAC	52.63 W	
EU Energy Efficiency Class (ErP LOT-5)	On-mode Power Consumption Energy Efficiency Class	51 	
Operating Conditions	Operating Temperature - Celsius	5° – 35°C	
	Operating Temperature - Fahrenheit	41° – 95°F	
	Non-Operating Temperature - Celsius	–20° – 60°C	
	Non-Operating Temperature - Fahrenheit	–4° – 140°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 Compliances	Agency Approvals and Certifications	WW application CE, CB,KC/KCC/NOM/PSB/ISC/EAC/GS/TUV-S/ISO 9241-307/ Low Blue Light/UAE/Ukraine/South Africa/BIS/cTUVus/ISC/CCC/CEL/CECP/SEPA/Energy Star/TCO/VCCI/FCC/BSMI/E- Standby/WEEE/Zoom/Microsoft Hello	
	Microsoft WHQL Certification	Win 10	
	SmartWay Transport Partnership - NA only	Yes (NA sku)	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric 94.74 x 29.25 x 64.48 cm	Imperial 37.3 x 11.52 x 25.38 in
	Product Dimensions (Packed) (W x D x H)	107.0 x 22.6 x 55.8 cm	42.16 x 8.9 x 21.97 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	94.74 x 14.195 x 44.71 cm	37.3 x 5.59 x 17.6 in
	Base Area Footprint (w x d mm)	300 x 270 mm	11.81 x 10.63 in
	Bezel Measurements (Unpacked with stand) (W x D x H)	42.6 mm	1.68 in

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	Product Weight (Unpacked with stand)	14.3 kg	31.53 lb
	Product Weight (Packed)	20.6 kg	45.42 lb
	Product Weight (Head Only)	11.62 kg	25.62 lb
Pallet Information	Pallet Dimensions (L x W x H mm)	1080 x 1150 x 1801 mm (Gma Pallet)	42.52 x 45.28 x 70.91 in (Gma Pallet)
		1080 x 1150 x 1811 mm (Block Pallet)	42.52 x 45.28 x 71.3 in (Block Pallet)
		1080 x 1150 x 2246.2 mm (Paper Slip Sheet)	42.52 x 45.28 x 88.43 in (Paper Slip Sheet)
	Pallet Total Weight	327.69Kg (GMA Pallet)	722.43 lb (GMA Pallet)
		325.33Kg (Block Pallet)	717.23 lb (Block Pallet)
		420.26Kg (Paper Slip Sheet)	926.51 lb (Paper Slip Sheet)
	Pallet Layers	4 or 3 layers per (slip sheet & pallet)	
	Pallet Product per Layer	5 per layer	
	Total Products per Pallet	20sets or 15sets (slip sheet & pallet)	
	Container Load, 20-Foot	150sets (Pallet)	
Container Load, 40-Foot	330sets (Pallet)		
Container Load, 40-Foot HighQ	440 sets (Slip Sheet)		
What's in the box?	AC power cord (1.9m) 6.2 ft		
	HDMI cable (1.8m) 5.9 ft		
	DP Cable (1.8m) 5.9 ft		
	Thunderbolt cable(1m) 3.3 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	

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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® • EPEAT® registered* *Based on US EPEAT registration according to IEEE 1680.1-2018 EPEAT. Status varies by country. Visit http://www.epeat.net for more information • TCO Certified • China Energy Conservation Program (CECP)
Sustainable Impact Specifications	<ul style="list-style-type: none"> • Low halogen* *External power supplies, WWAN modules, power cords, cables and peripherals excluded. • 85% ITE-derived closed loop plastic* *ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard. • Contains Ocean-Bound Plastic* *Percentage of ocean-bound plastic contained in each component varies by product. • Designed with recycled metals* *Percent of recycled metal varies by product. • Outside Box and corrugated cushions are 100% sustainably sourced and recyclable* *100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

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