

Technical Specifications

HP P34hc G4 WQHD USB-C Curved Monitor



Front

1. Power LED

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Back

- | | | | |
|----|-----------------|-----|---------------------|
| 1. | OSD Buttons | 6. | USB Type-C™ |
| 2. | Power Button | 7. | USB-B |
| 3. | Power Connector | 8. | USB-A x4 |
| 4. | HDMI Port | 9. | Audio Port |
| 5. | DisplayPort™ | 10. | Security Cable Slot |

Technical Specifications


Models: 21Y56AA/21Y56AT/21Y56AS

Panel Specifications	Display Size (Diagonal) 34" Panel Technology VA Curved Panel Yes Refresh Rate 48-100 Hz Panel Bit Depth 8 bit Aspect Ratio 21:9 Brightness (Typical) 250 nits Contrast Ratio (Static) 3,500:1 Dynamic Contrast Ratio 5,000,000:1 Flicker Free Yes Pixel Pitch 0.07725 * 0.23175 mm Pixels Per Inch (PPI) 110 PPI Backlight Lamp Life Minimum (To Half Brightness - In Hours) 30,000k Backlight Type Edge-lit Screen Treatment Anti-glare Hardness 3H Haze AG25% Response Time (Typical) 5ms GtG (with overdrive) Horizontal Viewing Angle (Typical Cr>10) 178° Vertical Viewing Angle (Typical Cr>10) 178° Panel Active Area (W X H) 797.22 (H) x333.72 (V) mm NOTE: Performance Specifications Represent The Typical Specifications Provided By HP's Component Manufacturers; Actual Performance May Vary Either Higher Or Lower.
Color	NTSC 85%
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 6500K Factory Color Calibrated Yes (Color Temperature) Factory Color Presets Warm - 5000K, Neutral - 6500K, Cool - 9300K
Monitor Specifications	Bezel 3-sided Micro Edge Color Black Head Tilt -5 to +21° Height Adjust Range 100mm VESA Mounting 100 mm x 100 mm Security Lock Ready Standard Security Lock Slot Detachable Stand Yes Warranty 3 years Low Blue Light Yes (TÜV certified) Speaker Output Power 2 x 3W Display Software HP Display Center On Screen User Controls Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit Native Resolution WQHD (3440 x 1440) Maximum Resolution 3440x1440 @ 99.982Hz

Technical Specifications

	Preset Graphic Modes/Supported Resolutions	640 × 480 @ 59.940Hz 800 × 600 @ 60.317Hz 1024 × 768 @ 60.004Hz 1280 × 720 @ 60Hz 1280 × 800 @ 59.810Hz 1280 × 1024 @ 60.020Hz 1440 × 900 @ 59.887Hz 1600 × 900 @ 60Hz 1680 × 1050 @ 59.954Hz 1920 × 1080 @ 60Hz 1920 × 1200 @ 59.95Hz 3440 × 1440 @ 59.973Hz 3440 × 440 @ 99.982Hz
	Minimum Vertical Scan Rate	48 Hz
	Maximum Vertical Scan Rate	100 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	160.0 kHz
	Maximum Pixel Clock	550.0 MHz
	User-Assignable Function Buttons	Yes, 3 (8 options)
	Audio	Built-in speakers
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2
	HDMI	1 HDMI 2.0
	HDCP	Yes, DisplayPort™ and HDMI and USB-C
	USB Type-C™ Video Input	1 USB Type-C™ (Power delivery up to 65W)
	USB- A	4 USB-A 3.2 Gen 1
	USB-B (Hub enablement)	1 USB-B
	Audio Port	1 Line Output
Special Features	User Presets	Yes
Power & Operating Specs	Power Supply	Internal
	Power Source	100–240 VAC 50/60 Hz
	Power Consumption- Max	190W
	Energy Saving/Stand By Mode	0.5W
	Power Consumption- Typical	48W
ENERGY STAR Data	Operational Mode at 100 VAC	34W
	Operational Mode at 115 VAC	34W
	Operational Mode at 230 VAC	34W
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% (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.)
EU Energy Efficiency Class (ERP Lot5)	On-mode Power Consumption	32W

Technical Specifications

	Energy Efficiency Class			
Environmental Features and Certifications	Mercury-free LED display backlighting	Yes		
	Arsenic-Free Display Glass	Yes		
	Low Halogen	Yes		
	Agency Approvals And Certifications	WW application CE,CB,KC/KCC/KES/ICE/ISO 9241-307/GS/NOM/PSE EAC/cTUVus/CCC/CEL/VCCI/FCC/WEEE/EPA/RCM/BIS Win 11		
	Microsoft WHQL Certification	Yes		
	ENERGY STAR® Certified	CEL Grade 3		
	EPEAT® Registered	*Monitors produced from June 2024 comply with China regulation GB 21520-2023.		
	Regions need to verify by country	Yes		
	China Energy Label	Yes		
	TCO Certified Edge	Yes		
TCO Certified	Yes			
SmartWay Transport Partnership	Yes (NA Only)			
Contains Recycled Plastics	Contains Recycled Plastics	85%		
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	80.94 x 23.49 x 51.80 cm	31.89 x 9.25 x 20.40 in	
	Product Dimensions (Packed) (W x D x H)	95 x 22.5 x 48 cm	37.4 x 8.86 x 18.9 in	
	Display Head Dimensions (Unpacked without stand) (W x D x H)	80.94 x 11.21 x 36.69 cm	31.89 x 4.41 x 14.44 in	
	Base Area Footprint (w x d mm)	166.88 x 228.9 mm	6.57 x 9 in	
	Bezel Measurements - Metric	Top	19.22 mm	0.76 in
		Side	14.35 mm	0.57 in
		Bottom	19.25 mm	0.76 in
	Product Weight (Unpacked with stand)	10.51kg	23.17lb	
	Product Weight (Packed)	16.7kg	36.8lb	
	Product Weight (Head Only)	7.85kg	17.31lb	
What's in the box?	AC power cord (1.83m) 6.0 ft USB C-C cable (1.8m) 5.9 ft DP cable (1.8m) 5.9ft HDMI cable (1.8m) 5.9ft QSP Warranty card			
User Guide and Warranty Languages	User Guide Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish		
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian		

Technical Specifications

Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish

Technical Specifications

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Summary

Change Log			
January 28, 2021	V1 to V2		Techspecs updated
March 10, 2021	V2 to V3	Added	Energy Efficiency Class
April 13, 2021	V3 to V4	Removed	KVM and PbP features
February 8, 2023	V4 to V5	Updated	Energy Efficiency Class section
April 13, 2023	V5 to V6	Updated	Color Management section
December 21, 2023	V6 to V7	Added	Windows 11
April 3, 2024	V7 to V8	Added	CEL grade changed to 3 and footnote added