QuickSpecs

Technical Specifications

HP P34hc G4 WQHD USB-C Curved Monitor

Front

1. Power LED

Technical Specifications

HP P34hc G4 WQHD USB-C Curved Monitor

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

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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

QuickSpecs

Technical Specifications

	Energy Efficiency Class	A↑G **G**	
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	
	Microsoft WHQL Certification	Win 11	
	ENERGY STAR® Certified	Yes	
	EPEAT® Registered **Regions need to verify by country**	CEL Grade 1	
	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	Top19.22 mm Side 14.35 mm Bottom19.25 mm	Top 0.76 in Side 0.57 in Bottom 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 Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish	

Technical Specifications

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
	V7 to V8		