

### Technical Specifications

#### HP P24q G4 QHD Height Adjust Monitor



**Front**

1. Power LED

### Technical Specifications

#### HP P24q G4 QHD Height Adjust Monitor



#### Back

- |                     |                        |
|---------------------|------------------------|
| 1. Function Buttons | 4. HDMI Port           |
| 2. Power Button     | 5. VGA Port            |
| 3. Power Connector  | 6. Security Cable Slot |

### Technical Specifications

**Model:** 8MB10AA

<b>Panel Specifications</b>	<p><b>Display Size (Diagonal)</b> 23.8 in</p> <p><b>Display Panel Type</b> IPS</p> <p><b>Micro-Edge Bezel</b> Yes, 3-sided</p> <p><b>Native Resolution/Timing</b> 2560 x 1440 @60 Hz</p> <p><b>Panel Bit Depth</b> 6-bit +HiFRC</p> <p><b>Aspect Ratio</b> 16:9</p> <p><b>Brightness - Typical</b> NA/LA/APJ: 300 nits EMEA: 250 nits (in compliance with ErP LOT5)</p> <p><b>Static Contrast Ratio - Typical</b> 1000:1</p> <p><b>Static Contrast Ratio - Minimum</b> 700:1</p> <p><b>Dynamic Contrast Ratio (DCR)</b> 10M:1</p> <p><b>Flicker Free</b> Yes</p> <p><b>Pixel Pitch</b> 0.2058 × 0.2058 mm</p> <p><b>Pixels Per Inch (PPI)</b> 123</p> <p><b>Backlight Lamp Life (to half brightness - in hours)</b> 30 k minimum</p> <p><b>Anti-Glare Panel</b> Yes</p> <p><b>Response Time - Typical</b> 5 ms (GTG)</p> <p><b>Horizontal Viewing Angle (typical CR&gt;10)</b> 178°</p> <p><b>Vertical Viewing Angle (typical CR&gt;10)</b> 178°</p> <p><b>Panel Active Area (w x h)</b> 526.848 × 296.352 mm (20.74 x 11.67 in)</p> <p><b>Preset Graphic Modes/Supported Resolutions</b> 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 1600 x 1200 @ 60 Hz (Digital inputs only) 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz 1920 x 1200 @ 60 Hz 2560 x 1400 @ 60 Hz (Digital inputs only) 2560 × 1440 @ 60 Hz 2560 × 1440 @ 60 Hz</p> <p><b>Maximum Resolution</b> 2560 × 1440 @ 60 Hz</p> <p><b>Recommended Resolution</b> 2560 × 1440 @ 60 Hz</p> <p><b>Vertical Scan Range</b> 50 - 60 Hz</p> <p><b>Horizontal Scan Range</b> 30 - 80 KHz (VGA); 30 - 90 KHz (HDMI)</p> <p><b>Default Color Temperature</b> Neutral (6500 K)</p> <p><b>Maximum Pixel Clock Speed</b> 200 MHz (VGA); 250 MHz (HDMI)</p>
<b>Color Gamut Coverage</b>	<b>sRGB</b> 99%
<b>Color Management</b>	<b>Default Color Temperature</b> Neutral (6500 K)
<b>Monitor Specifications</b>	<p><b>Exterior Color of Monitor Bezel and Stand</b> Black in bezel, black for stand</p> <p><b>Plug &amp; Play</b> Yes</p> <p><b>Tilt</b> Yes, -5° to +23°</p> <p><b>Swivel</b> Yes, 360°</p>

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	<b>Pivot</b>	yes, clockwise 90°
	<b>Height Adjustment Range</b>	Yes, 100 mm
	<b>VESA Mounting</b>	Yes, 100 mm with integrated mount
	<b>Security Lock Ready</b>	Yes
	<b>Detachable Base</b>	Detached base and attached stand (PIVOT) for shipping
	<b>Warranty</b>	3/3/3
<b>On Screen Display (OSD)</b>	<b>On Screen Display User Controls</b>	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	<b>User Programmable Modes</b>	Yes, 20
	<b>Monitor Control Buttons or Switches</b>	Menu, Plus ("+")/Information/Auto-Adjustment, Minus ("-")/Viewing Modes, OK/Next Active Input, Power
	<b>User-Assignable Function Buttons</b>	Yes, 3 (7 options)
	<b>Languages</b>	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
<b>Connector Types</b>	<b>HDMI</b>	1, HDMI 1.4
	<b>VGA</b>	1, VGA
	<b>HDCP support</b>	Yes, (HDMI)
<b>Power and Operating Specs</b>	<b>Power Supply</b>	Internal Power supply
	<b>Power Source</b>	100 - 240 VAC 50/60 Hz
	<b>Power Consumption - Maximum</b>	38 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	33 W
	<b>Power cable length</b>	1.83 m
<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>	-34° – 60°C
	<b>Non-operating Temperature - Fahrenheit</b>	29° – 140°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>Environmental Features and Certifications</b>	<b>Mercury-free LED display backlighting</b>	Yes
	<b>Arsenic-Free Display Glass</b>	Yes
	<b>Agency Approvals and Certifications</b>	CB /CCC / CEL /BSMI/cTUVus/CECP/CE/TUV Bauart/ ISO9241-307/EAC/UAE /EC1062/Ukraine energy/ cTUVus/ FCC/ICES/ CEC/ NOM/ S-mark/ErP LOT5.
	<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7
	<b>China Energy Label</b>	Grade 2
<b>Contains Recycled Plastics</b>	<b>Recyclable Plastics</b>	YOUHO-1303B-JB 85% RECYCLED

### Technical Specifications

1. All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

		<u>Metric</u>	<u>Imperial</u>	
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	54.06 x 21.16 x 46.33	21.28 x 8.33 x 18.24	
	<b>Product Dimensions</b> (Packed) (W x D x H)	63.9 x 22.5 x 41.9 cm	25.15 x 8.85 x 16.49 in	
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	54.06 x 4.69 x 32.25	21.28 x 1.84 x 12.69	
	<b>Base Area Footprint</b> (W x D x H)	214.6 x 211.6 mm	8.44 x 8.33	
	<b>Bezel Measurements</b>	Top	6.82 mm	0.27 in
		Side	6.88 mm	0.27 in
		Bottom	19.38 mm	0.76 in
	<b>Product Weight</b> (Unpacked with stand) (W x D x H)	5.59 kg	12.32 lb	
	<b>Product Weight</b> (Packed) (W x D x H)	7.59 kg	16.73 lb	
	<b>Product Weight</b> (Head only) (W x D x H)	3.42 kg	7.54 lb	
<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H mm)	G-1:1280 x 1140 x 125mm	G-1:50.39 x 44.88 x 4.92mm	
		G-2:1280 x 660 x 125mm	G-2:50.39 x 25.98 x 4.92mm	
	<b>Pallet Total Weight</b>	G-1: 395 kg	G-1: 870.83 lb	
		20'/40' Slip: Vertical*5 layers		
	<b>Pallet Layers</b>	40'HQ-Slip: Vertical*6 layers		
		20'/40'Wooden: Vertical*5 layers		
		40'HQ-Wooden: Vertical*5 layers		
		<b>Pallet Product per Layer</b>	G-1:10 G-2:5	
	<b>Total Products per Pallet</b>	G-1:50 G-2:25		
		<b>Container Load, 20-Foot</b>	450 units	
<b>Container Load, 40-Foot</b>	900 unit			
<b>Container Load, 40-Foot HighQ</b>	900 units wooden pallet/1080 units slip sheet			
<b>What's in the box?</b>	AC power cord (1.83 m) 6.0 ft HDMI cable (1.8 m) 5.9 ft Doc kit (Product notice, warranty card...etc)			
<b>Other</b>	<b>User Guide Languages</b>	English, S. Chinese, T. Chinese		

Dynamic Contrast Ratios\* during video playback only, depending on series of frames or time duration. All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

### *Technical Specifications*

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### Technical Specifications

<b>Change Log</b>			
April 29, 2020	V1 to V2	Updated	Certifications
September 24, 2020	V2 to V3	Updated	Brightness, Certifications