

### Technical Specifications

#### HP P27q G4 QHD Height Adjust Monitor



#### Front

1. Power LED

### Technical Specifications

#### HP P27q 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:** 8MB11AA

<b>Panel Specifications</b>	<p><b>Display Size (Diagonal)</b> 27 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> 8-bit</p> <p><b>Aspect Ratio</b> 16:9</p> <p><b>Brightness - Typical</b> 300 cd/m<sup>2</sup></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> 0.2331 × 0.2331 mm</p> <p><b>Pixels Per Inch (PPI)</b> 109</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> 596.736 × 335.664 mm (23.49x13.21 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)</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> <p><b>Pivot</b> yes, clockwise 90°</p>

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	<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>	45 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	40 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.
	<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

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

### Technical Specifications

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

		<b>Metric</b>	<b>Imperial</b>	
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	61.42 x 21.16 x 50.49	24.18 x 8.33 x 19.88	
	<b>Product Dimensions</b> (Packed) (W x D x H)	70.5 x 23.4 x 47.8 cm	27.75 x 9.21 x 18.81 in	
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	61.42 x 5.05 x 36.79	24.18 x 1.984 x 14.48	
	<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	8.75 mm	0.34 in
		Side	8.73 mm	0.34 in
		Bottom	23.56 mm	0.93 in
	<b>Product Weight</b> (Unpacked with stand) (W x D x H)	6.84 kg	15.08 lb	
	<b>Product Weight</b> (Packed) (W x D x H)	9.27 kg	20.44 lb	
	<b>Product Weight</b> (Head only) (W x D x H)	4.64 kg	10.23 lb	
<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H mm)	G-1:1200 x 720 x 125 mm	G-1:47.24 x 28.34 x 4.92 mm	
		G-2:980 x 720 x 125 mm	G-2:38.58 x 28.34 x 4.92 mm	
	<b>Pallet Total Weight</b> <b>Pallet Layers</b>	G-1:200 kg	G-1: 440.92 lb	
		20'/40' Slip: Vertical*4 layers		
		40'HQ-Slip: Vertical*5 layers		
		20'/40'Wooden: Vertical*4 layers		
		40'HQ-Wooden: Vertical*5 layers		
	<b>Pallet Product per Layer</b>	G-1:5 G-2:4		
	<b>Total Products per Pallet</b>	20'/40': G-1:20 / G-2:16 40'HQ: G-1:25 / G-2:20		
	<b>Container Load, 20-Foot</b>	288 units		
<b>Container Load, 40-Foot</b>	576 unit			
<b>Container Load, 40-Foot HighQ</b>	720 units			
<b>What's in the box?</b>	AC power cord (1.83m) 6.0 ft HDMI cable (1.8m) 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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Change Log			
April 29, 2020	V1 to V2	Updated	Certifications