

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

Panel Specifications	<p>Display Size (Diagonal) 27 in</p> <p>Display Panel Type IPS</p> <p>Micro-Edge Bezel Yes, 3-sided</p> <p>Native Resolution/Timing 2560 x 1440 @60 Hz</p> <p>Panel Bit Depth 8-bit</p> <p>Aspect Ratio 16:9</p> <p>Brightness - Typical NA/LA/APJ: 300 nits EMEA: 250 nits (in compliance with ErP LOT5)</p> <p>Static Contrast Ratio - Typical 1000:1</p> <p>Static Contrast Ratio - Minimum 700:1</p> <p>Dynamic Contrast Ratio (DCR) 10M:1</p> <p>Flicker Free Yes</p> <p>Pixel Pitch 0.2331 × 0.2331 mm</p> <p>Pixels Per Inch (PPI) 109</p> <p>Backlight Lamp Life (to half brightness - in hours) 30 k minimum</p> <p>Anti-Glare Panel Yes</p> <p>Response Time - Typical 5 ms (GTG)</p> <p>Horizontal Viewing Angle (typical CR>10) 178°</p> <p>Vertical Viewing Angle (typical CR>10) 178°</p> <p>Panel Active Area (w x h) 596.736 × 335.664 mm (23.49x13.21 in)</p> <p>Preset Graphic Modes/Supported Resolutions 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>Maximum Resolution 2560 × 1440 @ 60 Hz</p> <p>Recommended Resolution 2560 × 1440 @ 60 Hz</p> <p>Vertical Scan Range 50 - 60 Hz</p> <p>Horizontal Scan Range 30 - 80 KHz (VGA); 30 - 90 KHz (HDMI)</p> <p>Default Color Temperature Neutral (6500 K)</p> <p>Maximum Pixel Clock Speed 200 MHz (VGA);250 MHz (HDMI)</p>
Color Gamut Coverage	sRGB 99%
Color Management	Default Color Temperature Neutral (6500 K)
Monitor Specifications	<p>Exterior Color of Monitor Bezel and Stand Black in bezel, black for stand</p> <p>Plug & Play Yes</p> <p>Tilt Yes, -5° to +23°</p> <p>Swivel Yes, 360°</p>

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	Pivot	yes, clockwise 90°
	Height Adjustment Range	Yes, 100 mm
	VESA Mounting	Yes, 100 mm with integrated mount
	Security Lock Ready	Yes
	Detachable Base	Detached base and attached stand (PIVOT) for shipping
	Warranty	3/3/3
On Screen Display (OSD)	On Screen Display User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	User Programmable Modes	Yes, 20
	Monitor Control Buttons or Switches	Menu, Plus ("+")/Information/Auto-Adjustment, Minus ("-")/Viewing Modes, OK/Next Active Input, Power
	User-Assignable Function Buttons	Yes, 3 (7 options)
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	HDMI	1, HDMI 1.4
	VGA	1, VGA
	HDCP support	Yes, (HDMI)
Power and Operating Specs	Power Supply	Internal Power supply
	Power Source	100 - 240 VAC 50/60 Hz
	Power Consumption - Maximum	45 W
	Energy Saving/Standby Mode	0.5 W
	Power Consumption - Typical	40 W
	Power cable length	1.83 m
Operating Conditions	Operating Temperature - Celsius	5° – 35°C
	Operating Temperature - Fahrenheit	41° – 95°F
	Non-operating Temperature - Celsius	-34° – 60°C
	Non-operating Temperature - Fahrenheit	29° – 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.)
Environmental Features and Certifications	Mercury-free LED display backlighting	Yes
	Arsenic-Free Display Glass	Yes
	Agency Approvals and Certifications	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.
	Microsoft WHQL Certification	Win 10, Win 8, Win 7
	China Energy Label	Grade 2
Contains Recycled Plastics	Recyclable Plastics	YOUHO-1303B-JB 85% RECYCLED

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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>	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	61.42 x 21.16 x 50.49	24.18 x 8.33 x 19.88	
	Product Dimensions (Packed) (W x D x H)	70.5 x 23.4 x 47.8 cm	27.75 x 9.21 x 18.81 in	
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.42 x 5.05 x 36.79	24.18 x 1.984 x 14.48	
	Base Area Footprint (W x D x H)	214.6 x 211.6 mm	8.44 x 8.33	
	Bezel Measurements	Top	8.75 mm	0.34 in
		Side	8.73 mm	0.34 in
		Bottom	23.56 mm	0.93 in
	Product Weight (Unpacked with stand) (W x D x H)	6.84 kg	15.08 lb	
	Product Weight (Packed) (W x D x H)	9.27 kg	20.44 lb	
	Product Weight (Head only) (W x D x H)	4.64 kg	10.23 lb	
Pallet Information	Pallet Dimensions (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	
	Pallet Total Weight	G-1:200 kg	G-1: 440.92 lb	
		Pallet Layers	20'/40' Slip: Vertical*4 layers	
		40'HQ-Slip: Vertical*5 layers		
		20'/40'Wooden: Vertical*4 layers		
		40'HQ-Wooden: Vertical*5 layers		
	Pallet Product per Layer	G-1:5 G-2:4		
	Total Products per Pallet	20'/40': G-1:20 / G-2:16 40'HQ: G-1:25 / G-2:20		
	Container Load, 20-Foot	288 units		
Container Load, 40-Foot	576 unit			
Container Load, 40-Foot HighQ	720 units			
What's in the box?	AC power cord (1.83m) 6.0 ft HDMI cable (1.8m) 5.9 ft Doc kit (Product notice, warranty card...etc)			
Other	User Guide Languages	English, S. Chinese, T. Chinese		

Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.
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Change Log			
April 29, 2020	V1 to V2	Updated	Certifications
September 24, 2020	V2 to V3	Updated	Brightness, Certifications