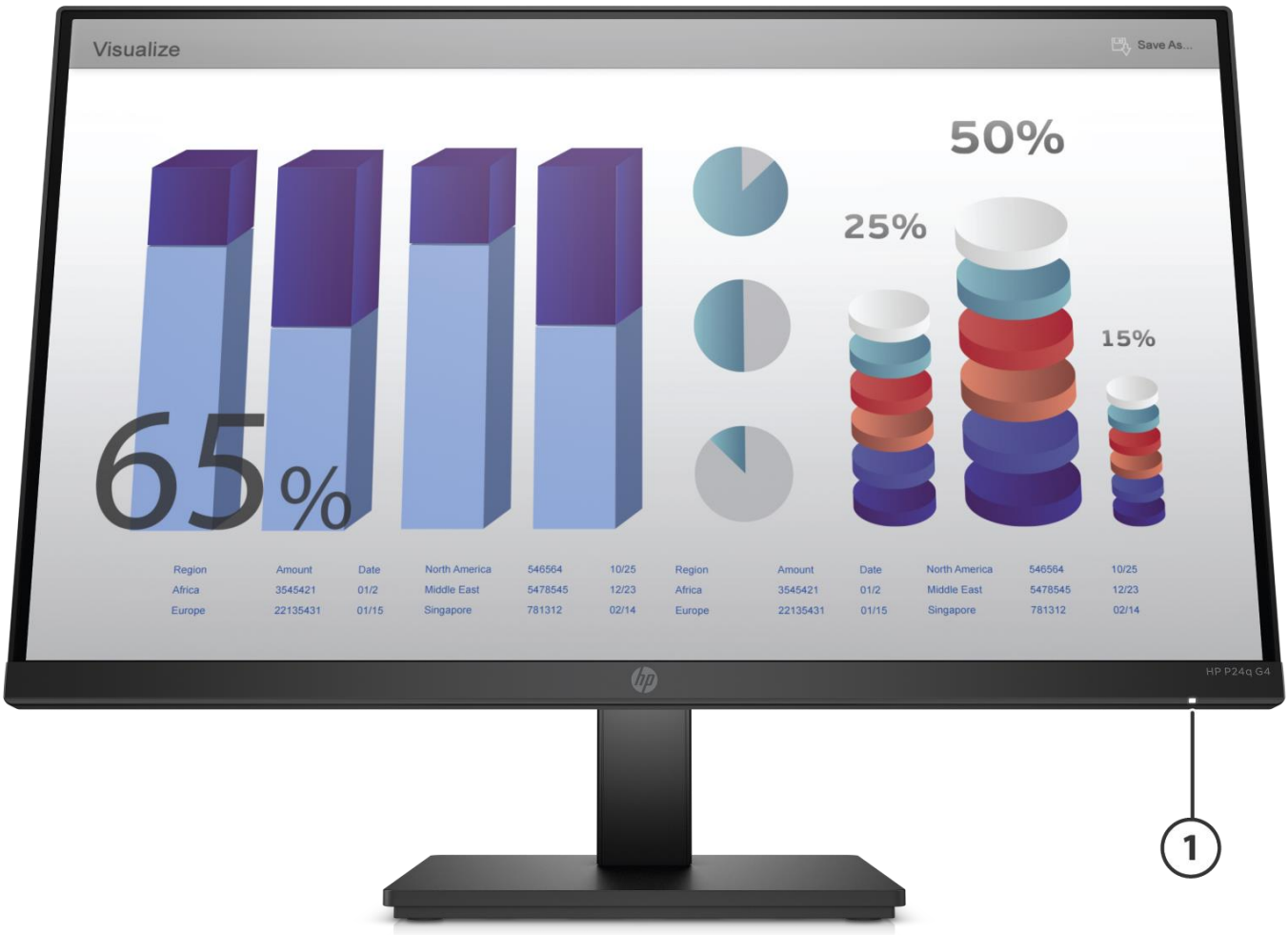
Technical Specifications

HP P24q G4 QHD Height Adjust Monitor



Front

1. Power LED

Technical Specifications

HP P24q G4 QHD Height Adjust Monitor



Back

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

Technical Specifications

Model: 8MB10AA

Panel Specifications	**Display Size (Diagonal)**	23.8 in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	2560 x 1440 @60 Hz
	Panel Bit Depth	6-bit +HiFRC
	Aspect Ratio	16:9
	Brightness - Typical	NA/LA/APJ: 300 nits EMEA: 250 nits (in compliance with ErP LOT5)
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	10M:1
	Flicker Free	Yes
	Pixel Pitch	0.2058 × 0.2058 mm
	Pixels Per Inch (PPI)	123
	Backlight Lamp Life (to half brightness - in hours)	30 k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	5 ms (GTG)
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	526.848 × 296.352 mm (20.74 x 11.67 in)
	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)
	Maximum Resolution	2560 × 1440 @ 60 Hz
	Recommended Resolution	2560 × 1440 @ 60 Hz
	Vertical Scan Range	50 - 60 Hz
	Horizontal Scan Range	30 - 80 KHz (VGA); 30 - 90 KHz (HDMI)
	Default Color Temperature	Neutral (6500 K)
	Maximum Pixel Clock Speed	200 MHz (VGA); 250 MHz (HDMI)
Color Gamut Coverage	**sRGB**	99%
Color Management	**Default Color Temperature**	Neutral (6500 K)

Technical Specifications

Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Black in bezel, black for stand
	Plug & Play	Yes
	Tilt	Yes, –5° to +23°
	Swivel	Yes, 360°
	Pivot	yes, clockwise 90°
	Height Adjustment Range	Yes, 100 mm
	VESA Mounting	100mm x 100mm
	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	38 W
	Energy Saving/Standby Mode	0.5 W
	Power Consumption - Typical	33 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.)
EU Energy Efficiency Class (ERP Lot5)	**On-mode Power Consumption**	26W
	Energy efficiency Class	G

Technical Specifications

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

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.

		Metric	**Imperial**
Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	54.06 x 21.16 x 46.33	21.28 x 8.33 x 18.24
	Product Dimensions (Packed) (W x D x H)	63.9 x 22.5 x 41.9 cm	25.15 x 8.85 x 16.49 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	54.06 x 4.69 x 32.25	21.28 x 1.84 x 12.69
	Base Area Footprint (W x D x H)	214.6 x 211.6 mm	8.44 x 8.33
	Bezel Measurements	Top 6.82 mm Side 6.88 mm Bottom 19.38 mm	Top 0.27 in Side 0.27 in Bottom 0.76 in
	Product Weight (Unpacked with stand) (W x D x H)	5.59 kg	12.32 lb
	Product Weight (Packed) (W x D x H)	7.59 kg	16.73 lb
	Product Weight (Head only) (W x D x H)	3.42 kg	7.54 lb
Pallet Information	**Pallet Dimensions** (L x W x H mm)	G-1:1280 x 1140 x 125mm G-2:1280 x 660 x 125mm	G-1:50.39 x 44.88 x 4.92mm G-2:50.39 x 25.98 x 4.92mm
	Pallet Total Weight	G-1: 395 kg	G-1: 870.83 lb
	Pallet Layers	20'/40' Slip: Vertical*5 layers 40'HQ-Slip: Vertical*6 layers 20'/40'Wooden: Vertical*5 layers 40'HQ-Wooden: Vertical*5 layers	
	Pallet Product per Layer	G-1:10	

Technical Specifications

	Total Products per Pallet	G-2:5 G-1:50 G-2:25
	Container Load, 20-Foot	450 units
	Container Load, 40-Foot	900 unit
	Container Load, 40-Foot HighQ	900 units wooden pallet/1080 units slip sheet
What's in the box?	AC power cord (1.83 m) 6.0 ft HDMI cable (1.8 m) 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.
All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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Change Log			
April 29, 2020	V1 to V2	Updated	Certifications
September 24, 2020	V2 to V3	Updated	Brightness, Certifications
March 10, 2021	V3 to V4	Updated	EU Energy Efficiency Class
April 13, 2021	V4 to V5	Updated	VESA Mounting Specs
	V5 to V6		