

### Technical Specifications

#### HP P19b G4 WXGA Monitor



#### Front

1. Power Button (With power light)

### Technical Specifications

#### HP P19b G4 WXGA Monitor



#### Back

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

### Technical Specifications

**Model: 9TY83AA**

<b>Panel Specifications</b>	<p><b>Display Size (Diagonal)</b> 18.5-inch</p> <p><b>Display Panel Type</b> TN</p> <p><b>Native Resolution/Timing</b> 1366 x 768 @60 Hz</p> <p><b>Native Resolution Note</b> VGA + HDMI</p> <p><b>Panel Bit Depth</b> 8 bit</p> <p><b>Aspect Ratio</b> 16:9</p> <p><b>Brightness - Typical</b> 200 cd/m<sup>2</sup></p> <p><b>Static Contrast Ratio - Typical</b> 600:1</p> <p><b>Static Contrast Ratio - Minimum</b> 450:1</p> <p><b>Dynamic Contrast Ratio</b> 8M:1 (min.)</p> <p><b>Flicker Free</b> Yes</p> <p><b>Pixel Pitch</b> 0.3 (H) x 0.3(V)</p> <p><b>Pixels Per Inch (PPI)</b> 84.67</p> <p><b>Backlight Lamp Life (to half brightness - in hours)</b> 30k minimum</p> <p><b>Anti-Glare Panel</b> Yes (Haze 25%)</p> <p><b>Response Time - Typical</b> 5ms</p> <p><b>Horizontal Viewing Angle (typical CR&gt;10)</b> 90°</p> <p><b>Vertical Viewing Angle (typical CR&gt;10)</b> 65°</p> <p><b>Panel Active Area (w x h)</b> 409.8 (H) x 230.4 (V) mm</p> <p><b>Preset Graphic Modes/Supported Resolutions</b></p> <p>1 640 x 480 @60 Hz</p> <p>2 720 x 400 @70 Hz</p> <p>3 800 x 600 @60 Hz</p> <p>4 1024 x 768 @60 Hz</p> <p>5 1280 x 720 @60 Hz</p> <p>6 1366 x 768 @60 Hz</p> <p><b>Maximum Resolution</b> 1366 x 768 @60 Hz</p> <p><b>Recommended Resolution</b> 1366 x 768 @60 Hz</p> <p><b>Vertical Scan Range</b> 50-60 Hz</p> <p><b>Horizontal Scan Range</b> 30-80k Hz</p> <p><b>Default Color Temperature</b> Neutral (6500 K)</p> <p><b>Maximum Pixel Clock Speed</b> 110Mhz</p> <p><b>NOTE:</b> Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>
<b>Color Gamut Coverage</b>	72% NTSC
<b>Color Management</b>	<p><b>Factory Color Calibrated</b> Yes</p> <p><b>Factory Color Presets</b> Neutral</p> <p><b>Color Space / Subsampling Support</b> RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2</p> <p><b>Color Default Temperature</b> Neutral (6500K)</p> <p><b>Low Blue Light Modes</b> Yes</p> <p><b>RGB Channel Adjust</b> Yes, Gain</p> <p><b>Factory Color Calibrated</b> Yes (Color Temperature)</p> <p><b>Factory Color Presets</b> Warm - 5000K, Neutral - 6500K, Cool - 9300K</p>

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<b>Monitor Specifications</b>	<b>Exterior Color of Monitor Bezel and Stand</b>	Jack Black
	<b>Plug &amp; Play</b>	Yes
	<b>Tilt</b>	Yes, -5° to + 22°
	<b>VESA Mounting</b>	100mm x 100mm
	<b>Security Lock Ready</b>	Yes
	<b>Detachable Base</b>	Yes, ships detached
	<b>Warranty</b>	3/3/3
<b>On Screen Display (OSD)</b>	<b>On Screen Display User Controls</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	<b>Monitor Control Buttons or Switches</b>	Menu, Minus ("-") / Information, Plus ("+") / Viewing Mode, OK / Next Active Input, Power
	<b>User – Assignable Function Buttons</b>	Yes, 3 (6 Options)
	<b>Languages</b>	10 (Deutsch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Netherlands, Portuguese)
<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
	<b>Power Source</b>	100 – 240 VAC 50 / 60 Hz
	<b>Power Consumption - Maximum</b>	10 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	9 W
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	7.5 W
	<b>Operational Mode at 115 VAC</b>	7.34 W
	<b>Operational Mode at 230 VAC</b>	7.42 W
<b>EU Energy Efficiency Class (ERP Lot5)</b>	<b>On-mode Power Consumption</b>	8 W
	<b>Annual Power Consumption</b>	12K WH / annum
	<b>Energy Efficiency Class</b>	C
	<b>Visible Screen Size</b>	18.5" / 47 cm Diagonal
<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>	-40° - 65° C
	<b>Non - operating Temperature – Fahrenheit</b>	-40° - 149° 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, Mercury-free LED backlights
	<b>Agency Approvals and Certifications</b>	WW application CE, CB, KC/KCC/NOM/TUV-S/TUV-GS/cTUVus

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/PSB/ISC/CCC/CEL/CECP/SEPA/ISC/VCCI/BSMI//Vietnam MEPS/ANZ MEPS/WEEE/TGM

Low Blue Light/EAC

HDMI Certification

CB, KCC/KC/E-Standby/PSB/TUV-GS/Low Blue Light/ ISC/CCC/CEL/CECP/Energy Star/Vietnam MEPS/South Africa Energy Efficiency Report/NOM/Mexico LASE form/Mexico energy report/ANZ MEPS/BIS/BSMI/CCC/CEL/CECP/TUV-S/cTUVus/CEC

**Microsoft WHQL Certification**  
**ENERGY STAR® Qualified**  
**EPEAT® Registered**

Win 10, Win 8, Win 7  
Yes, ENERGY STAR® 8  
EPEAT® Silver

Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

**China Energy Label**  
**SmartWay Transport Partnership - NA only**

CEL Grade TBD  
Yes (NA SKU)

**Contains Recycled Plastics**

**Contains Recycled Plastics in Base/Stand**

Yes

**Unit Product/Package Specifications**

**Product Dimensions (Unpacked with stand)**  
**(W x D x H)**

Metric

44.14 x 15.7 x 34.58  
cm

Imperial

17.38 x 6.18 x 13.61 in

**Product Dimensions (Packed)**  
**Display Head Dimensions (Unpacked without stand)**  
**(W x D x H)**

49.1 x 11.3 x 35.1 cm

19.33 x 4.45 x 13.82 in

44.14 x 5.07 x 27.78  
cm

17.38 x 2 x 10.94 in

**Base Area Footprint**  
**(w x d)**

160 x 157 mm

6.30 x 6.18 in

**Bezel Measurements**

top 17.0 mm

top 0.67 in

side 15.2 mm

side 0.60 in

bottom 29.15mm

bottom 1.15 in

**Product Weight (Unpacked with stand)**

2.45 Kg

5.4 lb

**Product Weight (Packed)**

3.27 Kg

7.2 lb

**Product Weight (Head Only)**

2.2 Kg

4.85 lb

**Pallet Information**

**Pallet Dimensions**  
**(L x W x H)**

Metric

1200 x 1000 x 120  
mm

Imperial

47.24 x 39.37x 4.72 in

**Pallet Total Weight**

40" GQ: 339 kg

40" GQ: 747 lbs

40" HQ: 404.4 kg

40" HQ: 891 lbs

**Pallet Layers**

GQ: pallet 5 / Slip sheet 6

HQ: pallet 6 / Slip sheet 7

**Pallet Product per Layer**

20

**Total Products per Pallet**

GQ: pallet 100 / Slip sheet 120

HQ: pallet 120 / Slip sheet 140

**Container Load, 20 - Foot**

Wood pallet:1000

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	<b>Container Load, 40 - Foot</b>	Slip sheet: 1200 Wood pallet: 2100
	<b>Container Load, 40-Foot HighQ</b>	Slip sheet: 2880 Wood pallet: 2520 Slip sheet: 3360
<b>Software Included</b>	<b>Software included</b>	HP Display Assistant
<b>Accessories Included</b>	<b>What's in the box?</b>	VGA cable (1.5m) Production before Dec'20, Inbound PN -007) HDMI cable (1.8m) (Production from Dec'20, Inbound PN -A07) DOC Kit (includes Product Notice, warranty , QSP) Power cord (1.9m)
<b>User guide / Warranty languages</b>	<b>User Guide Languages</b>	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
	<b>Warranty Languages</b>	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

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### Summary

#### Change Log

Change Log			
February 23, 2021	V1 to V2	Update	What's in the box? Section
March 10, 2021	V2 to V3	Update	EU Energy Efficiency Class
April 13, 2021	V3 to V4	Update	VESA Mounting Specs
April 13, 2023	V4 to V5	Updated	Color Management section
November 27, 2023	V5 to V6	Removed	TCO certificates
	V6 to V7		