

## Technical Specifications

### HP P19b G4 WXGA Monitor



Front

1. **Power Button (With power light)**

## Technical Specifications

### HP P19b G4 WXGA Monitor



#### Back

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

## Technical Specifications

Model: 9TY83AA

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

## Technical Specifications

<i>Monitor Specifications</i>	<i>Exterior Color of Monitor Bezel and Stand</i> <i>Plug &amp; Play</i> <i>Tilt</i> <i>VESA Mounting</i>  <i>Security Lock Ready</i> <i>Detachable Base</i> <i>Warranty</i>	<b>Jack Black</b>  <b>Yes</b> <b>Yes, -5° to + 22°</b> <b>Yes, 100 mm with integrated mount or with included bracket</b> <b>Yes</b> <b>Yes, ships detached</b> <b>3/3/3</b>
<i>On Screen Display (OSD)</i>	<i>On Screen Display User Controls</i>  <i>Monitor Control Buttons or Switches</i>  <i>User – Assignable Function Buttons</i> <i>Languages</i>	<b>Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit</b> <b>Menu, Minus ("-") / Information, Plus ("+") / Viewing Mode, OK / Next Active Input, Power</b> <b>Yes, 3 (6 Options)</b> <b>10 (Deutsch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Netherlands, Portuguese)</b> <b>1 * HDMI 1.4</b> <b>1 * VGA</b> <b>Yes, HDMI</b>
<i>Connector Types</i>	<i>HDMI</i> <i>VGA</i> <i>HDCP Support</i>	<b>Internal</b>  <b>100 – 240 VAC 50 / 60 Hz</b> <b>10 W</b> <b>0.5 W</b> <b>9 W</b>
<i>Power and Operating Specs</i>	<i>Power Supply</i>  <i>Power Source</i> <i>Power Consumption - Maximum</i> <i>Energy Saving/Standby Mode</i> <i>Power Consumption - Typical</i>	<b>7.5 W</b> <b>7.34 W</b> <b>7.42 W</b>
<i>Energy Star Data</i>	<i>Operational Mode at 100 VAC</i> <i>Operational Mode at 115 VAC</i> <i>Operational Mode at 230 VAC</i>	<b>8 W</b>  <b>12K WH / annum</b>
<i>EU Energy Efficiency Class (EC1062)</i>	<i>On-mode Power Consumption (EC 1062/2010)</i>  <i>Annual Power Consumption (EC 1062/2010)</i> <i>Energy Efficiency Class (EC 1062/2010)</i> <i>Visible Screen Size</i>	<b>A + +</b> <b>18.5" / 47 cm Diagonal</b>
<i>Operating Conditions</i>	<i>Operating Temperature – Celsius</i>  <i>Operating Temperature – Fahrenheit</i> <i>Non - operating Temperature – Celsius</i> <i>Non - operating Temperature – Fahrenheit</i>  <i>Operating Humidity</i> <i>Non-operating Humidity</i> <i>Operating Altitude</i> <i>Non-operating Altitude</i>	<b>5° - 35° C</b>  <b>41° - 95° F</b> <b>-40° - 65° C</b> <b>-40° - 149° F</b>  <b>20 – 80% Relative Humidity (non-condensing)</b> <b>5 – 95%</b> <b>0 – 5,000 m (16,400 ft.)</b> <b>0 – 12.192 m (40,000 ft.)</b>
<i>Environmental Features and Certifications</i>	<i>Mercury-free LED display backlighting</i>  <i>Agency Approvals and Certifications</i>	<b>Yes, Mercury-free LED backlights</b>  <b>WW application</b>

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CE, CB, KC/KCC/NOM/TUV-S/TUV-GS/cTUVus  
/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/ISC/VCCI/BSMI//Vi  
etnam 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

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.

CEL Grade TBD

Yes

Yes (NA SKU)

Microsoft WHQL Certification  
ENERGY STAR® Qualified  
EPEAT® Registered

China Energy Label  
TCO Certified  
SmartWay Transport Partnership - NA  
only

Yes

**Metric**

44.14 x 15.7 x 34.58 cm

**Imperial**

17.38 x 6.18 x 13.61 in

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

160 x 157 mm

6.30 x 6.18 in

top 17.0 mm

top 0.67 in

side 15.2 mm

side 0.60 in

bottom 29.15mm

bottom 1.15 in

2.45 Kg

5.4 lb

3.27 Kg

7.2 lb

2.2 Kg

4.85 lb

**Metric**

1200 x 1000 x 120 mm

**Imperial**

47.24 x 39.37x 4.72 in

40" GQ: 339 kg

40" GQ: 747 lbs

40" HQ: 404.4 kg

40" HQ: 891 lbs

GQ: pallet 5 / Slip sheet 6

HQ: pallet 6 / Slip sheet 7

20

GQ: pallet 100 / Slip sheet 120

HQ: pallet 120 / Slip sheet 140

Wood pallet:1000

Contains  
Recycled Plastics

Contains Recycled Plastics in  
Base/Stand

Unit  
Product/Package  
Specifications

Product Dimensions (Unpacked with  
stand)

(W x D x H)

Product Dimensions (Packed)

Display Head Dimensions (Unpacked  
without stand)

(W x D x H)

Base Area Footprint

(w x d)

Bezel Measurements

Product Weight (Unpacked with stand)

Product Weight (Packed)

Product Weight (Head Only)

Pallet  
Information

Pallet Dimensions

(L x W x H)

Pallet Total Weight

Pallet Layers

Pallet Product per Layer

Total Products per Pallet

Container Load, 20 - Foot

## Technical Specifications

	<i>Container Load, 40 - Foot</i>	<b>Slip sheet: 1200</b> <b>Wood pallet: 2100</b>
	<i>Container Load, 40-Foot HighQ</i>	<b>Slip sheet: 2880</b> <b>Wood pallet: 2520</b> <b>Slip sheet: 3360</b>
<i>Software Included</i>	<i>Software included</i>	<b>HP Display Assistant</b>
<i>Accessories Included</i>	<i>What's in the box?</i>	<b>1 x VGA (1.5M)</b> <b>1 x Power Cord (1.9 M)</b> <b>1 x QSP</b> <b>1 x Doc-Kit</b>
<i>User guide / Warranty languages</i>	<i>User Guide Languages</i>	<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>
	<i>Warranty Languages</i>	<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>

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