

### Technical Specifications

#### HP P22a G5 FHD Monitor



#### Front

- 1. OSD Buttons
- 2. Power Button
- 3. Power LED

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#### HP P22a G5 FHD Monitor



#### Back

- |                           |                        |
|---------------------------|------------------------|
| 1. Power Connector        | 5. USB-B Port          |
| 2. DisplayPort™ Connector | 6. USB-A Ports (2)     |
| 3. HDMI Port              | 7. USB-A Ports (2)     |
| 4. VGA Port               | 8. Security Cable Slot |

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**Model:** 8D5J1AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	21.5 inch (54.61 cm)
	<b>Panel Technology</b>	IPS
	<b>Max Refresh Rate</b>	75 Hz
	<b>Native Resolution</b>	1920 x 1080
	<b>Panel Bit Depth</b>	8 bit (6 bit + FRC)
	<b>Aspect Ratio</b>	16:9
	<b>Brightness (Typical)</b>	250 nits
	<b>Contrast Ratio (Static)</b>	1000:1
	<b>Dynamic Contrast Ratio</b>	1000000 :1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.248 x 0.248 (mm)
	<b>Pixels Per Inch (PPI)</b>	102 PPI
	<b>Display colors</b>	Up to 16.7 million colors supported* <i>*Number of colors through A-FRC technology.</i>
	<b>Backlight Lamp Life Minimum (To Half Brightness - In Hours)</b>	30K
	<b>Backlight Type</b>	Edge-lit
	<b>Screen Treatment</b>	Anti-glare
	<b>Hardness</b>	3H
	<b>Haze</b>	25%
	<b>Response Time (Typical)</b>	5ms GtG (with overdrive)
	<b>Horizontal Viewing Angle (Typical Cr&gt;10)</b>	178°
	<b>Vertical Viewing Angle (Typical CR&gt;10)</b>	178°
	<b>Panel Active Area Metric (W x H)</b>	47.606 x 26.779 cm
	<b>Panel Active Area Imperial (W x H)</b>	18.74 x 10.54 inch
<b>NOTE:</b> Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
<b>Color</b>	<b>NTSC</b>	72%
<b>Color Management</b>	<b>Color Space/ Subsampling Support</b>	YCBCR 4:4:4, YCBCR 4:2:2
	<b>RGB Channel Adjust</b>	Yes, Gain
	<b>Default Color Temperature</b>	Standard (6500K)
<b>Monitor Specifications</b>	<b>Bezel Type</b>	3-sided micro-edge
	<b>Color of Stand</b>	Black
	<b>Color of Head</b>	Black
	<b>Tilt</b>	-5 to +23°
	<b>Pivot</b>	±90
	<b>Height Adjustment Range</b>	100 mm
	<b>VESA Mounting</b>	100 mm x 100 mm
	<b>Security Lock</b>	Standard Security Lock Slot
	<b>Detachable Stand</b>	Yes
	<b>Warranty</b>	3/3/0
	<b>Low Blue Light</b>	Yes (TÜV certified)
	<b>Management Software</b>	HP Display Center

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<b>On Screen Display (OSD)</b>	<b>On Screen Display</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	<b>Native Resolution</b>	1920 x 1080 @ 60 Hz* <i>*DisplayPort 1.2 or HDMI 1.4 required to drive panel at its native resolution</i>
	<b>Maximum Resolution</b>	FHD (1920 x 1080 @ 75 Hz)
	<b>Preset Graphic Modes/Supported Resolutions</b>	640 x 480 @ 60Hz,
		640 x 480 @ 75Hz,
		720 x 400 @ 70 Hz,
		720 x 480 @ 60 Hz,
		800 x 600 @ 60 Hz,
		800 x 600 @ 75 Hz,
		1024 x 768 @ 60 Hz,
		1024 x 768 @ 75 Hz,
		1280 x 720 @ 60 Hz,
		1280 x 800 @ 60 Hz ,
		1280 x 1024 @ 60 Hz,
		1280 x 1024 @ 75 Hz,
		1440 x 900 @ 60 Hz,
		1600 x 900 @ 60 Hz,
	<b>Minimum Vertical Scan Rate</b>	50 Hz
	<b>Maximum Vertical Scan Rate</b>	75 Hz
	<b>Minimum Horizontal Scan Rate</b>	30 Khz
	<b>Maximum Horizontal Scan Rate</b>	80 Khz
	<b>Maximum Pixel Clock</b>	180 MHz
	<b>Languages</b>	English
	<b>USER PROGRAMMABLE MODES</b>	Yes. 10
	<b>User-Assignable Function Buttons</b>	Yes, 3 (6 options)
		10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	<b>Languages</b>	
<b>Connector Types</b>	<b>DisplayPort™</b>	1 DisplayPort™ 1.2
	<b>HDMI</b>	1 HDMI 1.4
	<b>HDCP</b>	Yes, DisplayPort™ and HDMI
	<b>USB- A</b>	4 SuperSpeed USB Type-A 5Gbps signaling rate
	<b>USB-B (Hub enablement)</b>	1 USB-B
	<b>VGA</b>	1 VGA
<b>Special Features</b>	<b>Switch</b>	Menu/OK, Minus ("-")/Brightness, Plus ("+"), /Color/Auto-Adjustment, Next Active Input, Power
	<b>User Presets</b>	12

### Technical Specifications

<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal
	<b>Power Source</b>	100 – 240 VAC 50/60 Hz
	<b>Power Consumption- Max</b>	54 W
	<b>Energy Saving/Stand By Mode</b>	0.5 W
	<b>Power Consumption- Typical</b>	15 W
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	10.53W
	<b>Operational Mode at 115 VAC</b>	10.48W
	<b>Operational Mode at 230 VAC</b>	10.71W
<b>Eu Energy Efficiency Class (ErP LOT5)</b>	<b>On-mode Power Consumption for Standard Dynamic Range (SDR)</b>	12
	<b>ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)</b>	
<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>	-20° – 60°C
	<b>Non-Operating Temperature - Fahrenheit</b>	-4° – 140°F
	<b>Operating Humidity</b>	20 – 80% Relative Humidity (non-condensing)
	<b>Non-operating Humidity</b>	5 – 95%
	<b>Operating Altitude metric</b>	0 – 5,000 m (16,400 ft.)
	<b>Non-operating Altitude metric</b>	0 – 12.192 m (40,000 ft.)
<b>Certifications and Compliances</b>	<b>Low Halogen</b>	Yes*
		*External power supplies, WWAN modules, power cords, cables and peripherals excluded.
	<b>Agency Approvals and Certifications</b>	CB/ TCO/CE/TUV Low blue light/Flick free /Brazil INMETRO
	<b>Microsoft WHQL Certification</b>	Win 11, Win 10
	<b>ENERGY STAR® Certified</b>	Yes
	<b>EPEAT®</b>	EPEAT® Registered*
		*Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit <a href="http://www.epeat.net">http://www.epeat.net</a> for more information.
<b>Contains Recycled Plastics</b>	<b>TCO Certified</b>	Yes
	<b>Contains Recycled Plastics</b>	80% post-consumer recycled plastic*
		*Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
	<b>Recyclable Packaging (Box, packing materials)</b>	Outer box is 100% sustainably sourced*
		*100% outer box packaging made from sustainably sourced certified and recycled fibers.

### Technical Specifications

Unit Product/Package Specifications		<u>Metric</u>	<u>Imperial</u>
Unit Product/Package Specifications	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	48.91 x 21.15 x 45.7 cm	19.26 x 8.33 x 17.99 in
	<b>Product Dimensions</b> (Packed) (W x D x H)	56.5 x 35 x 20.8 cm	22.24 x 13.78 x 8.19 in
	<b>Display Head Dimensions</b> (Packed) (W x D x H)	48.91 x 5.98 x 29.6 cm	19.26 x 2.35 x 11.66 in
	<b>Base Area Footprint</b> (w x d mm)	214.5 x 211.5 mm	8.44 x 8.33 in
	<b>Bezel Measurements - Metric</b>	Bottom 20.63 mm	Bottom 0.81 in
	<b>Product Weight</b> (Unpacked with stand)	4.7 kg	10.34 lb
	<b>Product Weight</b> (Packed)	6.6 kg	14.52 lb
	<b>Product Weight</b> (Head Only)	2.45 kg	5.39 lb
Pallet Information	<b>Pallet Dimensions</b> (L x W x H mm)	Pallet: 1200 x 1000 x 2238 mm (40' ft)	Pallet: 47.24 x 39.37 x 88.11 inch (40' ft)
	<b>Pallet Total Weight</b>	Pallet: 342 kg (40' ft)	Pallet: 752.4 lb (40'ft)
	<b>Pallet Layers</b>	10 layers per pallet	
	<b>Pallet Product per Layer</b>	5 per layer (pallet)	
	<b>Total Products per Pallet</b>	50 sets per pallet	
What's in the box?	AC power cord (1.83m) 5.9ft, HDMI 1.4 cable (1.8m) 5.9 ft USB 3.0 A-B cable (1.8m) DP 1.2 cable (1.8m) Doc kit		
User Guide and Warranty Languages	<b>User Guide Languages</b>	Arabic, Bahasa Indonesia, Bulgarian, Chinese-S, Chinese-T, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Kazakh, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese (Brazilian), Portuguese (Iberian), Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkey, Ukrainian	
	<b>Warranty Languages</b>	English US (EN), English AP (EN-AP), English LA (EN-LA), English UK (EN-GB), Arabic (AR) -17x, Bahasa Indonesia (ID), Bosnian (BS), Bulgarian (BG), Chinese-S (CN), Chinese-T (TW), Croatian (HR), Czech (CS), Danish (DA), Dutch (NL), Estonian (ET), Finnish (FI), French Canadian (FC), French European (FR), German (DE), Greek (EL), Hebrew (HE), Hungarian (HU), Italian (IT), Japanese (JA), Kazakh (KK), Korean (KO), Latvian (LV), Lithuanian (LT), Norwegian (NO), Polish (PL), Portuguese, Brazilian (BR), Portuguese, Iberian (PT), Romanian (RO), Russian (RU),	

## *Technical Specifications*

Serbian (SR), Slovak (SK), Slovenian (SL), Spanish, Castilian (ES-ES), Spanish, Latin America (ES-MX), Swedish (SV), Thai (TH), Turkish (TR), Ukrainian (UK), Vietnamese (VI)

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Change Log

	V1 to V2		