

### Technical Specifications

#### HP P27v G4 FHD Monitor



#### Front

1. OSD Buttons
2. Power Button (With power light)

### Technical Specifications

#### HP P22v G4 FHD Monitor THOR



- 1. Security Cable Slot
- 2. Power Connector

#### Back

- 3. HDMI Port
- 4. VGA Connector

### Technical Specifications

Models: 9TT20AA, 9TT20A6, 9TT20A7, 9TT20AS, 9TT20AT

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	27-inch
	<b>Panel Technology</b>	IPS
	<b>Curved Panel</b>	No
	<b>Refresh Rate</b>	60 Hz
	<b>Panel Bit Depth</b>	8 bit
	<b>Aspect Ratio</b>	16:9
	<b>Brightness - Typical</b>	300 cd/m <sup>2</sup>
	<b>Static Contrast Ratio</b>	1000:1
	<b>Static Contrast Ratio - Minimum</b>	700:1
	<b>Dynamic Contrast Ratio</b>	8M:1 (min.)
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.3114 x 0.3114 mm
	<b>Pixels Per Inch (PPI)</b>	81.59
	<b>Backlight Lamp Life (to half brightness - in hours)</b>	30 k minimum
	<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 on/off
	<b>Horizontal Viewing Angle (typical CR&gt;10)</b>	178°
	<b>Vertical Viewing Angle (typical CR&gt;10)</b>	178°
	<b>Panel Active Area (w x h)</b>	597.888 x 336.312 mm

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<b>Color Gamut Coverage</b>	<b>NTSC</b>	72%
<b>Color Management</b>	<b>Calibrated Color Presets</b>	Native
	<b>Color Space / Subsampling Support</b>	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	<b>RGB Channel Adjust</b>	Yes, Gain
	<b>Integrated Calibration Instrument</b>	No
	<b>Standalone / Schedule Calibration</b>	No
	<b>Scriptable Calibration</b>	No
	<b>Default Color Temperature</b>	Neutral (6500K)
<b>Monitor Specifications</b>	<b>Bezel</b>	3-sided Micro Edge
	<b>Color</b>	Black Head
	<b>Tilt</b>	-5 to +20°
	<b>Swivel</b>	No Swivel
	<b>Pivot</b>	No Pivot
	<b>Height Adjustment Range</b>	No height adjust
	<b>VESA Mounting</b>	100 mm x 100 mm (bracket included)
	<b>Integrated Privacy Filter</b>	No
	<b>Security Lock Ready</b>	Standard Security Lock Slot
	<b>Detachable Stand</b>	Yes
	<b>Warranty (number of years)</b>	3/3/0: AMS; EMEA; APJ-TW, ANZ, JPN, VIET, THAI 3/3/3: APJ-PRC, INDIA
	<b>Low Blue Light Mode</b>	Yes (TÜV certified)
	<b>Zero Bright Dot Warranty</b>	No

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	<b>Touch-Enabled</b>	Not touch-enabled
<b>Multimedia</b>	<b>Webcam</b> <b>Windows Hello Compatible</b> <b>Microphone</b>	No integrated webcam No No Microphone
<b>On Screen Display (OSD)</b>	<b>Native Resolution</b>	Full HD (1920 x 1080)*
	<b>Maximum Resolution</b>	*Apply to high resolution and/or high frame rate displays only. CONFIRM WITH EPM whether disclaimer applies. 1920 x1080 @ 60Hz
	<b>Preset Graphic Modes/Supported Resolutions</b>	11
	<b>Minimum Vertical Scan Rate</b>	50 Hz
	<b>Maximum Vertical Scan Rate</b>	60 Hz
	<b>Minimum Horizontal Scan Rate</b>	30.0 kHz
	<b>Maximum Horizontal Scan Rate</b>	80.0 kHz
	<b>Maximum pixel clock</b>	170 MHz
	<b>User Programmable Modes</b>	10
	<b>User-Assignable Function Buttons</b>	Yes, 3 buttons
	<b>Audio</b>	No
	<b>Languages</b>	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
<b>Connector Types</b>	<b>HDMI</b> <b>VGA</b>	1 HDMI 1.4 1 VGA
<b>Power &amp; Operating Specs</b>	<b>Power Supply</b> <b>Power Source</b> <b>Power Consumption - Maximum</b> <b>Energy Saving/Standby Mode</b> <b>Power Consumption - Typical</b> <b>Power cable length</b>	Internal 100 – 240 VAC 50/60 Hz 32 W 0.5 W 28 W 1.9m
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b> <b>Operational Mode at 115 VAC</b> <b>Operational Mode at 230 VAC</b>	14.92 W 14.74 W 14.74 W
<b>EU Energy Efficiency Class (EC1062)</b>	<b>On-mode Power Consumption (EC 1062/2010)</b> <b>Annual Power Consumption (EC 1062/2010)</b> <b>Energy Efficiency Class (EC 1062/2010)</b>	22 W 32 kWh A+
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b> <b>Operating Temperature - Fahrenheit</b> <b>Non-operating Temperature - Celsius</b> <b>Non-operating Temperature - Fahrenheit</b> <b>Operating Humidity</b> <b>Non-operating Humidity</b> <b>Operating Altitude</b> <b>Non-operating Altitude</b>	5° – 35°C 41° – 95°F –20° – 60°C –4° – 140°F 20 – 80% Relative Humidity (non-condensing) 5 – 95% 0 – 5,000 m (16,400 ft.) 0 – 12,192 m (40,000 ft.)

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<b>Environmental Features and Certifications</b>	<b>Mercury-free LED display backlighting</b>	Yes, Mercury-free LED backlights	
	<b>Arsenic-Free Display Glass</b>	Yes	
	<b>Agency Approvals and Certifications</b>	WW application CE,CB,KC/KCC/e-standby/BIS/ICE/TUV-Bauart/ISO 9241-307/EUP Lot5/EUP Lot6/cTUVus/CCC/CEL/CECP/SEPA/TCO/Energy Star/PSB/ISC/EAC/UkrSEPRO/Mexico MEPS/NOM-NYCE/Low Blue Light/VCCI/FCC/C-tick/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/South Africa MEPS/Ukraine Energy label/CEC/TGM/WEEE/Japan PC Green Label	
	<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7	
	<b>ENERGY STAR® Certified</b> <b>EPEAT® Registered</b>	Yes Yes Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit <a href="http://www.epeat.net">www.epeat.net</a> for more information.	
	<b>China Energy Label</b>	CEL Grade 2	
	<b>TCO Certified</b>	Yes	
	<b>SmartWay Transport Partnership -NA only</b>	Yes (NA sku)	
<b>Recycled Plastics</b>	<b>Contains Recycled Plastics</b>	35% recycled ABS	
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	<b>Metric</b>	<b>Imperial</b>
		61.22 x 20.01 x 44.77 cm	24.1 x 7.9 x 17.6 in
	<b>Product Dimensions</b> (Packed) (W x D x H)	67.5 x 12.8 x 42.5 cm	26.57 x 5.04 x 16.73 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	61.22 x 4.77 x 36.77 cm	24.1 x 1.87 x 14.47 in
	<b>Base Area Footprint</b> (w x d mm)	200 x 200.11 mm	78.74 x 78.78 in
	<b>Bezel Measurements</b>	bottom 22.82 mm	bottom 0.9 in
	<b>Product Weight</b> (Unpacked with stand)	4.5 kg	9.9 lb
	<b>Product Weight</b> (Packed)	5.7 kg	12.5 lb
	<b>Product Weight</b> (Head Only)	4 kg	8.8 lb
	<b>What's in the box?</b>	AC power cord VGA cable (1.5m) DOC Kit (includes Product Notice, warranty)	
<b>User Guide and 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	

### *Technical Specifications*

Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

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