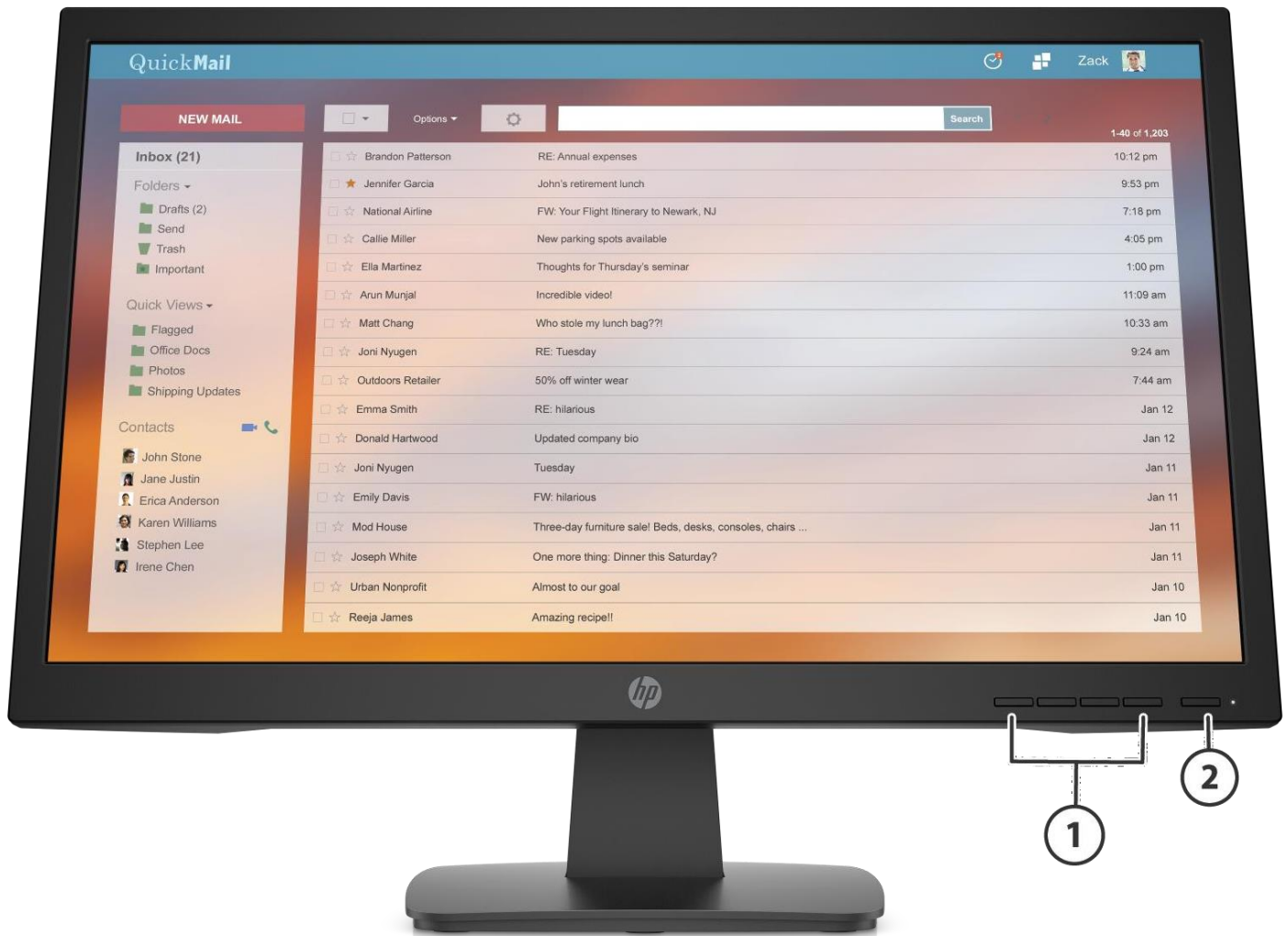


### Technical Specifications

#### HP P22v G4 FHD Monitor

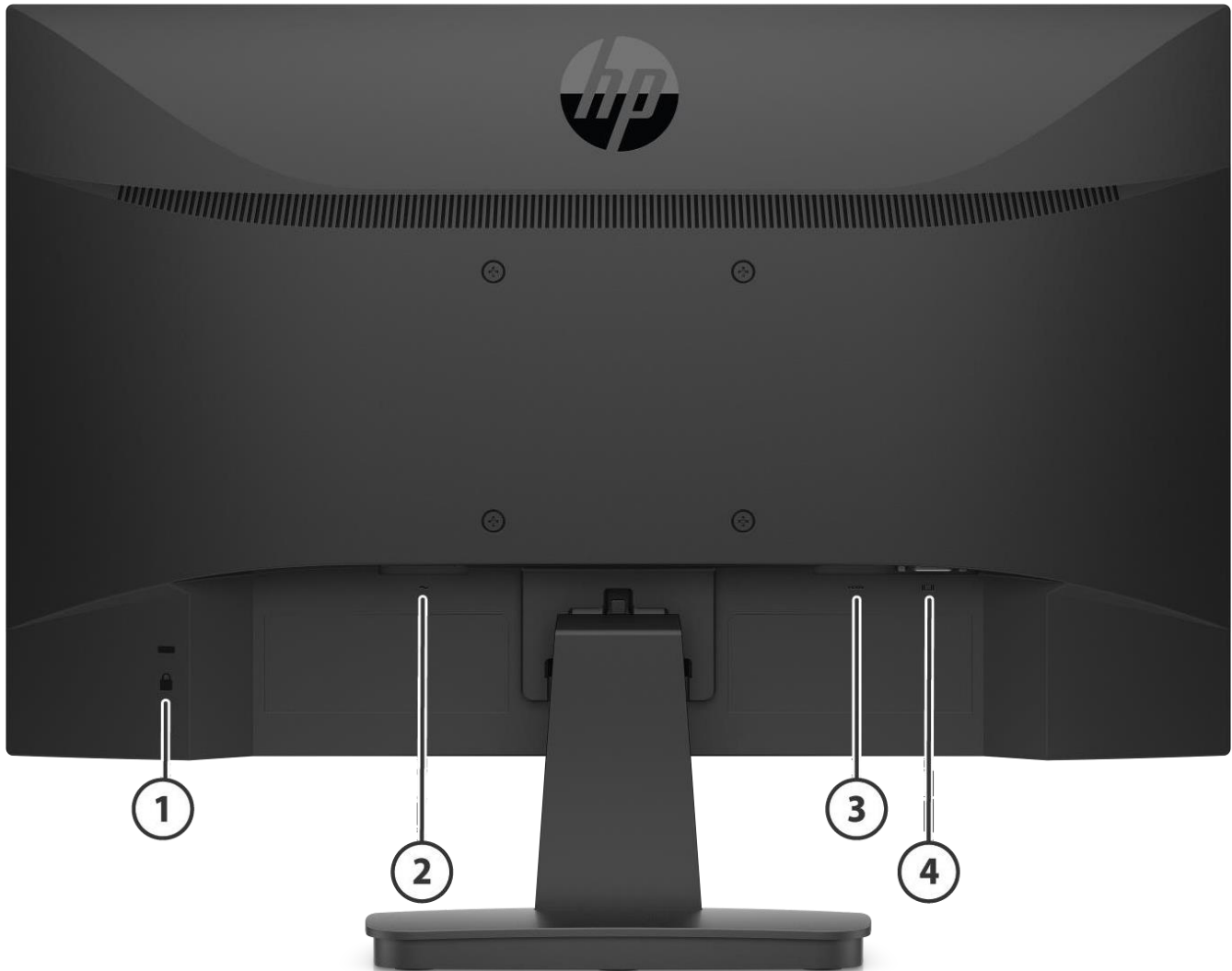


#### Front

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

### Technical Specifications

#### HP P22v G4 FHD Monitor THOR



#### Back

- |                        |                  |
|------------------------|------------------|
| 1. Security Cable Slot | 3. HDMI Port     |
| 2. Power Connector     | 4. VGA Connector |

### Technical Specifications

**Models:** 9TT53AA/9TT53A6/9TT53A7/9TT53AS/9TT53AT/9TT53AV

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	21.5-inch
	<b>Panel Technology</b>	TN
	<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>	250 nits
	<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>	No
	<b>Pixel Pitch</b>	0.24825 x 0.24825mm
	<b>Pixels Per Inch (PPI)</b>	102
	<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>	170°
	<b>Vertical Viewing Angle (typical CR&gt;10)</b>	160°
	<b>Panel Active Area (w x h)</b>	476.64mm x 268.11mm

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>	No
	<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>	Standard
	<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

### Technical Specifications

	<b>Security Lock Ready</b>	Standard Security Lock Slot
	<b>Detachable Stand</b>	Yes
	<b>Warranty (number of years)</b>	V22 (1/0/0 for AMS ,1/1/0APJ ,3/3/3 for EMEA) P22v G4(3/3/0 or 3/3/3)
	<b>Low Blue Light Mode</b>	Yes (TÜV certified)
	<b>Zero Bright Dot Warranty</b>	No
	<b>Touch-Enabled</b>	Not touch-enabled
<b>Multimedia</b>	<b>Webcam</b>	No integrated webcam
	<b>Windows Hello Compatible</b>	No
	<b>Microphone</b>	No Microphone
<b>On Screen Display (OSD)</b>	<b>Native Resolution</b>	Full HD (1920 x 1080)*
	<b>Maximum Resolution</b>	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>	1 HDMI 1.4
	<b>VGA</b>	1 VGA
<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal
	<b>Power Source</b>	100 – 240 VAC 50/60 Hz
	<b>Power Consumption - Maximum</b>	19 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	18.5 W
	<b>Power cable length</b>	1.9m
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	12.3 W
	<b>Operational Mode at 115 VAC</b>	12.34 W
	<b>Operational Mode at 230 VAC</b>	12.56 W
<b>EU Energy Efficiency Class (ERP Lot5)</b>	<b>On-mode Power Consumption</b>	13 W
	<b>Annual Power Consumption</b>	19 kWh
	<b>Energy Efficiency Class</b>	D
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	50 – 35oC

\*Apply to high resolution and/or high frame rate displays only.  
CONFIRM WITH EPM whether disclaimer applies.

### Technical Specifications

<b>Operating Temperature - Fahrenheit</b>	41o – 95oF
<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.)

### Environmental Features and Certifications

<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/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/cTUVus/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE/ South Africa/ Ukraine / BIS / GS / Low Blue Light
<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7
<b>ENERGY STAR® Certified</b>	Yes
<b>EPEAT® Registered</b>	Yes <a href="#">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.</a>
<b>China Energy Label</b>	CEL Grade 1
<b>TCO Certified</b>	Yes
<b>SmartWay Transport Partnership -NA only</b>	Yes (NA sku)

### Recycled Plastics

<b>Contains Recycled Plastics</b>	35% recycled ABS
<b>Recyclable Packaging (Box, packing materials)</b>	69.6% Circular packing material

### Unit Product/Package Specifications

	<b>Metric</b>	<b>Imperial</b>
<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	505×188.95×381.26 mm	19.88×7.44×15.01 in
<b>Product Dimensions</b> (Packed) (W x D x H)	567×120×387mm	19.88×1.65×12.21 in
<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	505×42×310.26 mm	22.32×4.72×15.24 in
<b>Base Area Footprint</b> (w x d mm)	188.95 x 181 mm	7.44 x 7.13 in
<b>Bezel Measurements</b>	top 15.97 mm side 24.19 mm bottom 13.17 mm	top 0.63 in side 0.95 in bottom 0.52 in
<b>Product Weight</b> (Unpacked with stand)	2.85 kg	6.28 lb
<b>Product Weight</b> (Packed)	3.79 kg	8.36 lb
<b>Product Weight</b> (Head Only)	2.48 kg	5.47 lb

### Technical Specifications

<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H)	Slip Sheet: L: 1150 x W: 970 x H: 1948 mm (40' ft)	Slip Sheet: L45.28 x W38.19 x 76.69 inch (40' ft)
	<b>Pallet Total Weight</b>	Pallet: L: 1150 x W: 970 x H: 2067 mm (40' ft) Slip Sheet: 307KG (40' ft) Pallet: 323KG (40' ft)	Pallet: L45.28 x W38.19 x 81.38 inch (40' ft) Slip Sheet: 676.82 lb (40' ft) Pallet: 712.09 lb (40' ft)
	<b>Pallet Layers</b>	5 layers per pallet (40' ft)	
	<b>Pallet Product per Layer</b>	16 per layer (slip sheet & pallet)	
	<b>Total Products per Pallet</b>	80sets per pallet (slip sheet & pallet)	
	<b>Container Load, 20-Foot</b>	960 sets (slip sheet and pallet)	
	<b>Container Load, 40-Foot</b>	1920 sets (slip sheet and pallet)	
	<b>Container Load, 40-Foot HighQ</b>	2304 sets (slip sheet & pallet)	

**What's in the box?** 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)

Note: China continue ship with VGA cable, no HDMI cable.

<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 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
	V3 to V4		