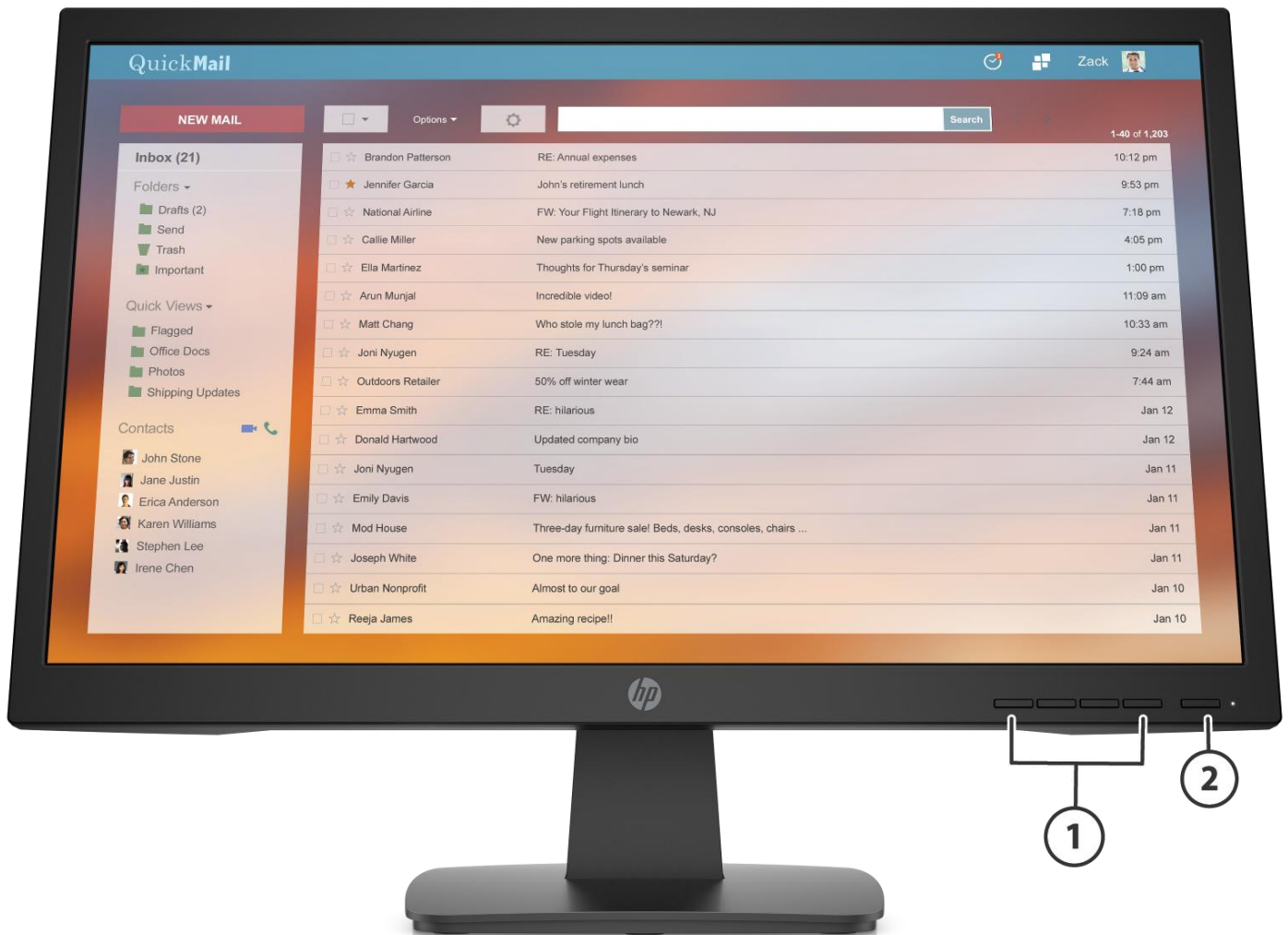# QuickSpecs

Technical Specifications

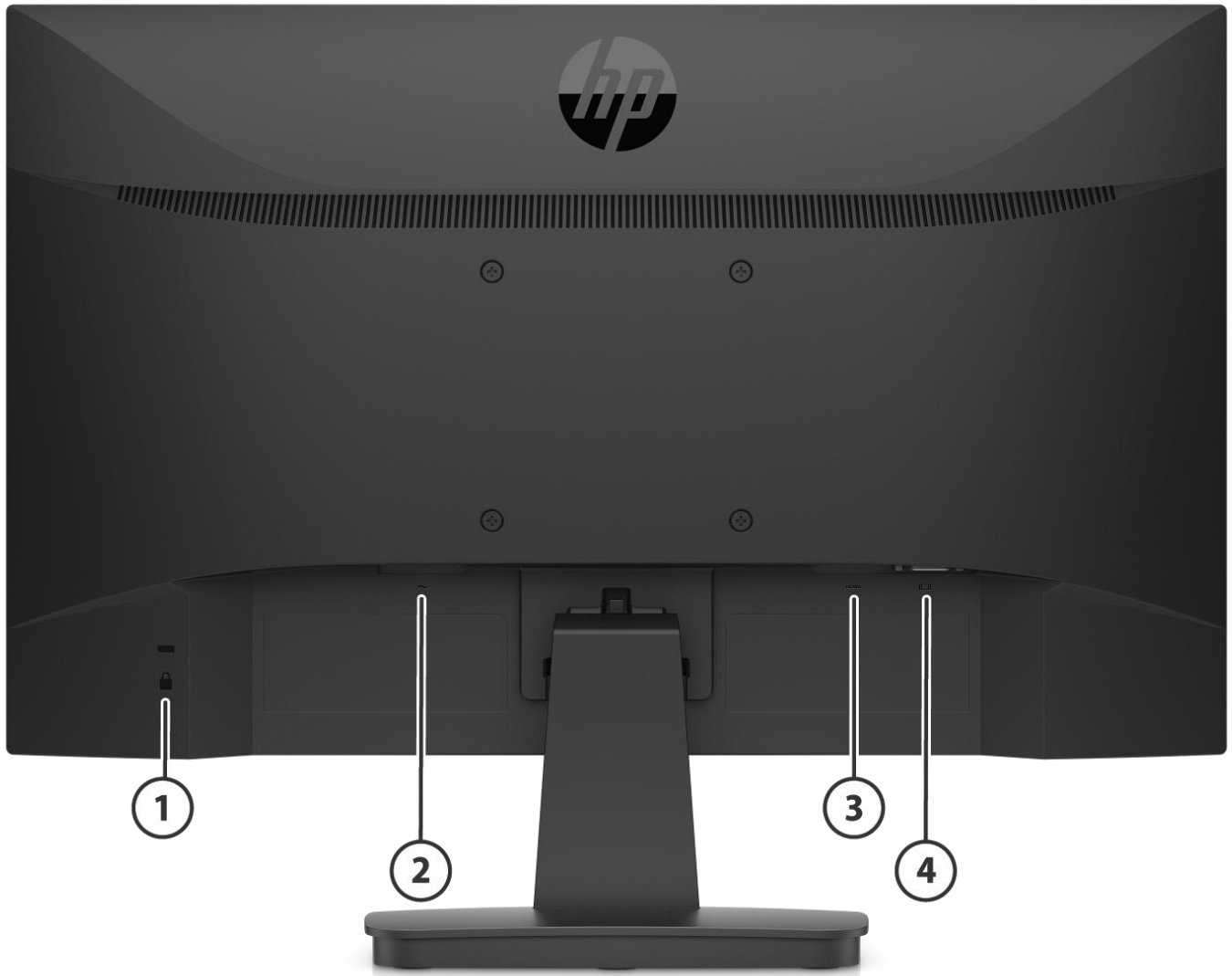*HP P22v G4 FHD Monitor*

Front

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

Technical Specifications

HP P22v G4 FHD Monitor THOR

Back

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

QuickSpecs

Technical Specifications

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

Panel Specifications	*Display Size (Diagonal)*	**21.5-inch**
	Panel Technology	**TN**
	Curved Panel	**No**
	Refresh Rate	**60 Hz**
	Panel Bit Depth	**8 bit**
	Aspect Ratio	**16:9**
	Brightness - Typical	**250 nits**
	Static Contrast Ratio	**1000:1**
	Static Contrast Ratio - Minimum	**700:1**
	Dynamic Contrast Ratio	**8M:1 (min.)**
	Flicker Free	**No**
	Pixel Pitch	**0.24825 x 0.24825mm**
	Pixels Per Inch (PPI)	**102**
	Backlight Lamp Life (to half brightness - in hours)	**30 k minimum**
	Backlight Type	**Edge-lit**
	Screen Treatment	**Anti-glare**
	Hardness	**3H**
	Haze	**25%**
	Response Time - Typical	**5ms on/off**
	Horizontal Viewing Angle (typical CR>10)	**170°**
	Vertical Viewing Angle (typical CR>10)	**160°**
	Panel Active Area (w x h)	**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.

Color Gamut Coverage	*NTSC*	**72%**

Color Management	*Calibrated Color Presets*	**Native**
	Color Space / Subsampling Support	**No**
	RGB Channel Adjust	**Yes, Gain**
	Integrated Calibration Instrument	**No**
	Standalone / Schedule Calibration	**No**
	Scriptable Calibration	**No**
	Default Color Temperature	**Neutral (6500K)**

Monitor Specifications	*Bezel*	**Standard**
	Color	**Black Head**
	Tilt	**-5 to +20°**
	Swivel	**No Swivel**
	Pivot	**No Pivot**
	Height Adjustment Range	**No height adjust**
	VESA Mounting	**100 mm x 100 mm (bracket included)**
	Integrated Privacy Filter	**No**
	Security Lock Ready	**Standard Security Lock Slot**
	Detachable Stand	**Yes**
	Warranty (number of years)	**V22 (1/0/0 for AMS ,1/1/0APJ ,3/3/3 for EMEA) P22v G4(3/3/0 or 3/3/3)**
	Low Blue Light Mode	**Yes (TÜV certified)**
	Zero Bright Dot Warranty	**No**

Technical Specifications

	Touch-Enabled	**Not touch-enabled**
Multimedia	Webcam	**No integrated webcam**
	Windows Hello Compatible	**No**
	Microphone	**No Microphone**
On Screen Display (OSD)	Native Resolution	**Full HD (1920 x 1080)***
		*Apply to high resolution and/or high frame rate displays only. CONFIRM WITH EPM whether disclaimer applies.
	Maximum Resolution	**1920 x1080 @ 60Hz**
	Preset Graphic Modes/Supported Resolutions	**11**
	Minimum Vertical Scan Rate	**50 Hz**
	Maximum Vertical Scan Rate	**60 Hz**
	Minimum Horizontal Scan Rate	**30.0 kHz**
	Maximum Horizontal Scan Rate	**80.0 kHz**
	Maximum pixel clock	**170 MHz**
	User Programmable Modes	**10**
	User-Assignable Function Buttons	**Yes, 3 buttons**
	Audio	**No**
	Languages	**10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)**
Connector Types	HDMI	**1 HDMI 1.4**
	VGA	**1 VGA**
Power & Operating Specs	Power Supply	**Internal**
	Power Source	**100 – 240 VAC 50/60 Hz**
	Power Consumption - Maximum	**19 W**
	Energy Saving/Standby Mode	**0.5 W**
	Power Consumption - Typical	**18.5 W**
	Power cable lenght	**1.9m**
Energy Star Data	Operational Mode at 100 VAC	**12.3 W**
	Operational Mode at 115 VAC	**12.34 W**
	Operational Mode at 230 VAC	**12.56 W**
EU Energy Efficiency Class (EC1062)	On-mode Power Consumption (EC 1062/2010)	**13 W**
	Annual Power Consumption (EC 1062/2010)	**19 kWh**
	Energy Efficiency Class (EC 1062/2010)	**A+**
Operating Conditions	Operating Temperature - Celsius	**5o – 35oC**
	Operating Temperature - Fahrenheit	**41o – 95oF**
	Non-operating Temperature - Celsius	**–40° – 65°C**
	Non-operating Temperature - Fahrenheit	**-40° – 149°F**
	Operating Humidity	**20 – 80% Relative Humidity (non-condensing)**
	Non-operating Humidity	**5 – 95%**
	Operating Altitude	**0 – 5,000 m (16,400 ft.)**
	Non-operating Altitude	**0 – 12,192 m (40,000 ft.)**

QuickSpecs

Technical Specifications

Environmental Features and Certifications	Mercury-free LED display backlighting	**Yes, Mercury-free LED backlights**
	Arsenic-Free Display Glass	**Yes**
	Agency Approvals and Certifications	**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**
	Microsoft WHQL Certification	**Win 10, Win 8, Win 7**
	ENERGY STAR® Certified	**Yes**
	EPEAT® Registered	**Yes** **Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.**
	China Energy Label	**CEL Grade 1**
	TCO Certified	**Yes**
	SmartWay Transport Partnership -NA only	**Yes (NA sku)**
Recycled Plastics	Contains Recycled Plastics	**35% recycled ABS**
	Recyclable Packaging (Box, packing materials)	**69.6% Circular packing material**

		Metric	*Imperial*
Unit Product/Package Specifications	Product Dimensions **(Unpacked with stand) (W x D x H)**	**505×188.95×381.26 mm**	**19.88×7.44×15.01 in**
	Product Dimensions **(Packed) (W x D x H)**	**567×120×387mm**	**19.88×1.65×12.21 in**
	Display Head Dimensions **(Unpacked without stand) (W x D x H)**	**505×42×310.26 mm**	**22.32×4.72×15.24 in**
	Base Area Footprint **(w x d mm)**	**188.95 x 181 mm**	**7.44 x 7.13 in**
	Bezel Measurements	**top15.97 mm** **side 24.19 mm** **bottom 13.17 mm**	**top 0.63 in** **side 0.95 in** **bottom 0.52 in**
	Product Weight **(Unpacked with stand)**	**2.85 kg**	**6.28 lb**
	Product Weight **(Packed)**	**3.79 kg**	**8.36 lb**
	Product Weight **(Head Only)**	**2.48 kg**	**5.47 lb**
Pallet Information	Pallet Dimensions **(L x W x H)**	**Slip Sheet: L: 1150 x W: 970 x H: 1948 mm (40' ft)** **Pallet: L: 1150 x W: 970 x H: 2067 mm (40' ft)**	**Slip Sheet: L45.28 x W38.19 x 76.69 inch (40' ft)** **Pallet: L45.28 x W38.19 x 81.38 inch (40' ft)**
	Pallet Total Weight	**Slip Sheet: 307KG (40' ft)** **Pallet: 323KG (40' ft)**	**Slip Sheet: 676.82 lb (40' ft)** **Pallet: 712.09 lb (40' ft)**
	Pallet Layers	**5 layers per palle (40' ft)**	
	Pallet Product per Layer	**16 per layer (slip sheet & pallet)**	
	Total Products per Pallet	**80sets per pallet (slip sheet & pallet)**	
	Container Load, 20-Foot	**960 sets (slip sheet and pallet)**	

Technical Specifications

	Container Load, 40-Foot	**1920 sets (slip sheet and pallet)**
	Container Load, 40-Foot HighQ	**2304 sets (slip sheet & pallet)**
What's in the box?	**AC power cord (1.9m)** **VGA cable (1.5m) (Not in V22)** **HDMI cable (1.8m) (Not in P22v G4)** **QSG** **Manual kits)**	
User Guide and Warranty Languages	*User Guide Languages*	**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**
	Warranty Languages	**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.**

Summary

Change Log			
	V1 to V2		