QuickSpecs

Technical Specifications

HP Series 3 Pro FHD Monitor-322pv

Front

1. Power Button
2. Power LED

Technical Specifications

HP Series 3 Pro FHD Monitor-322pv

Back

1. Joypad OSD button
2. Security Cable Slot
3. Power Connector
4. HDMI 1.4 Port
5. VGA Port

Technical Specifications

Model: 9U5A2AA

Panel Specifications	**Display Size (Diagonal)**	54.5 cm (21.45")
	Viewable Diagonal Size	54.48 cm (21.45")
	Panel Technology	VA
	Curvature	Flat
	Max Refresh Rate	100 Hz
	Native Resolution	FHD (1920 x 1080)
	Panel Bit Depth	8 bit (6 bit + FRC)
	Aspect Ratio	16:9
	Brightness (Typical)	250 nits
	Display Contrast Ratio (Static)	3000:1
	Display Contrast Ratio (Dynamic)	8M:1
	Flicker Free	Yes (TÜV certified)
	Pixel Pitch	0.2493 x 0.2410 mm
	Pixels Per Inch (PPI)	103 PPI
	Display Colors	Up to 16.7 million colors supported*
		*Number of colors thru A-FRC technology.
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	30,000 hours
	Backlight Type	Edge-lit, WLED
	Screen Treatment	Anti-glare
	Hardness	3H
	Haze	25%
	Response Time (Typical)	5ms GtG (with overdrive)
	Horizontal Viewing Angle (Typical Cr>10)	178°
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area Metric (W X H)	47.87 x 26.03 cm
	Panel Active Area Imperial (W X H)	18.84 x 10.25 in

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

Color	**NTSE**	72%
Color Management	**Color Space**	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	RGB Channel Adjust	Yes, Gain
	Integrated Calibration Instrument	No
	Default Color Temperature	Standard (6500K)
Monitor Specifications	**Bezel Type**	Narrow
	Color Of Stand	Black
	Color Of Head	Black
	Tilt	-5 to +23°
	Vesa Mounting	100 mm x 100 mm
	Security Lock	Security lock-ready
	Detachable Stand	Yes
	Warranty	3/3/0 for LA, NA, EMEA, APJ (3/3/3 in select APJ Countries)

QuickSpecs

Technical Specifications

	Low Blue Light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Management Software	HP Client Management Script Library (CMSL)*
		HP Display Center**
		* The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.
		** Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
On Screen Display (OSD)	**On Screen Display**	Brightness+, Color Control, Image Control, Input Control, Power Control, Menu Control, Management, Information, Exit
	Native Resolution	FHD (1920 x 1080)
		* HDMI 1.4 & VGA required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920x1080at 100 Hz with 8-bit color using one HDMI or DisplayPort™; 1920x1080 at 60 Hz with 8-bit color using one VGA.
	Maximum Resolution	FHD (1920 x 1080 @ 100 Hz)
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz
		640 x 480 @ 75Hz (HDMI only)
		720 x 400 @ 70 Hz
		800 x 600 @ 60 Hz
		800 x 600 @ 75 Hz (HDMI only)
		1024 x 768 @ 60 Hz
		1024 x 768 @ 75 Hz (HDMI only)
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1280 x 1024 @ 75 Hz (HDMI only)
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 50 Hz (HDMI only)
		1920 x 1080 @ 60 Hz
		1920 x 1080 @ 75 Hz (HDMI only)
		1920 x 1080 @100Hz(HDMI only)
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	VGA 60 Hz, HDMI 100 Hz
	Minimum Horizontal Scan Rate	30 kHz
	Maximum Horizontal Scan Rate	HDMI: 115 kHz, VGA:80 kHz
	Maximum Pixel Clock	HDMI:300MHz, VGA:170MHz
	User Programmable Modes	Yes, VGA 11, HDMI 18
	User-Assignable Function Buttons	Yes, 4 (VGA: 6 options, HDMI: 5 options)
	Languages	11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)

QuickSpecs

Technical Specifications

Connector Types	**HDMI**	1 HDMI 1.4
	HDCP	Yes, HDMI
	VGA	1 VGA
Special Features	**Switch**	Monitor Power button
		Next Active Input / Up button
		Brightness / Down button
		Information / Left button
		Color / Right button
		Menu / Enter button
	User Presets	11(VGA)/18(HDMI & DisplayPort™)
Power & Operating Specs	**Power Supply**	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	22 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption - Typical	11 W
Energy Star Data	**Operational Mode at 100 VAC**	11.3 W
	Operational Mode at 115 VAC	11.2 W
	Operational Mode at 230 VAC	11.1 W
EU Energy Efficiency Class (ErP LOT-5)	**On-mode Power Consumption for Standard Dynamic Range (SDR)**	12.1 W
EU Energy Efficiency Class (ErP LOT-5)	**ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)**	[A to G] **D**
Operating Conditions	**Operating Temperature - Celsius**	5~35℃
	Operating Temperature - Fahrenheit	41– 95°F
	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%RH
	Operating Altitude Metric	0~5,000m (16,400 ft.)
	Non-operating Altitude Metric	0~12,192m (40,000 ft.)
	Operating Altitude Imperial	0~16,400ft
	Non-operating Altitude Imperial	0~40,000ft
Certifications and Compliances	**Low Halogen**	Yes
	Agency Approvals and Certifications	WW application CE,CB,KC/KCC/NOM/PSB/ICE/TUV-Bauart/ISO 9241-307/TUV flicker free/ TUV LBL/ BIS/ UAE safety/ UAE RoHS/ Ukraine safety/ South Africa safety/ EAC/CSA/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/TCO Certified Edge/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE/CEC/ Works with Chromebook*

Technical Specifications

*This product works with devices capable of running the latest version of ChromeOS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.

Microsoft WHQL Certification	Windows 11, Windows 10	
ENERGY STAR® Certified	Yes	
EPEAT® Registered	EPEAT® Gold in United States*	
Regions need to verify by country		

*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 2	
TCO Certified Edge	Yes	
TCO Certified	Yes	
SmartWay Transport Partnership - NA only	Yes (NA sku)	

Contains Recycled Plastics	**Contains Recycled Plastics**	85% ITE-derived closed loop plastic*

*ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.

Recyclable Packaging (Box, packing materials)	Outside Box is 100% sustainably sourced and recyclable*
	Molded Paper Pulp Cushion inside box is 100% sustainably sourced and recyclable**

*100% outer box packaging is made from sustainably sourced certified and recycled fibers.
** Molded pulp cushions are made from 100% recycled wood fiber and organic materials.

	Metric	**Imperial**
Unit Product/Package Specifications		
Product Dimensions (Unpacked with stand) (W x D x H)	50.42 x 18.05 x 38.69 cm	19.85 x 7.11 x 15.23 in
Product Dimensions (Packed) (W x D x H)	56.7 x 12.1 x 38.7 cm	22.32 x 4.76 x 15.24 in
Display Head Dimensions (Unpacked without stand) (W x D x H)	50.42 x 5.08 x 30.3 cm	19.85 x 2.00 x 11.93 in
Base Area Footprint (w x d mm)	174 x 170 mm	6.85 x 6.69 in
Bezel Measurements	Top: 16.86 mm Sides: 11.95 mm Bottom: 24.26 mm	Top: 0.66in Sides: 0.47in Bottom: 0.96 in
Product Weight (Unpacked with stand)	2.8 kg	6.2 lb

Technical Specifications

	Product Weight (Packed)	4.2 kg	9.3 lb
	Product Weight (Head Only)	2.4 kg	5.3 lb
Pallet Information	**Pallet Dimensions** (L x W x H mm)	Slip Sheet: 968 x 1134 x 1935 mm (20' ft & 40' ft) Slip Sheet: 968 x 1134 x 2322 mm (40HQ) Pallet: 968 x 1134 x 2063 mm (20' ft & 40' ft) Pallet: 968 x 1134 x 2450 mm (40HQ)	Slip Sheet: 38.11 x 44.65 x 76.18 inch (20' ft & 40' ft) Slip Sheet: 38.11 x 44.65 x 91.42 inch (40HQ) Pallet: 38.11 x 44.65 x 81.22 inch (20' ft & 40' ft) Pallet: 38.11 x 44.65 x 96.46 inch (40HQ)
	Pallet Total Weight	Slip Sheet: 339.94 kg (20' ft & 40' ft) Slip Sheet: 408.5 kg (40 HQ) Pallet: 354.04 kg (20' ft & 40' ft) Pallet: 421.64 kg (40 HQ)	Slip Sheet: 749.43 lbs (20' ft & 40' ft) Slip Sheet: 900.59 lbs (40 HQ) Pallet: 780.53 lbs (20' ft & 40' ft) Pallet: 929.56 lbs (40 HQ)
	Pallet Layers	5 per layer or 6 per layer (slip sheet & pallet)	
	Pallet Product per Layer	16 per layer (slip sheet & pallet)	
	Total Products per Pallet	80 sets or 96 sets per pallet (slip sheet & pallet)	
	Container Load, 20-Foot	960 sets (Slip Sheet and Pallet)	
	Container Load, 40-Foot	1920 sets (Slip Sheet and Pallet)	
	Container Load, 40-Foot HighQ	2304 sets (Slip Sheet and Pallet)	
What's in the box?	AC power cord (1.83m) 5.9ft, HDMI 1.4 cable (1.8m) 5.9 ft, Warranty, Quick Setup Poster		
User Guide and Warranty Languages	**User Guide Languages**	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	
	Warranty Languages	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), Serbian (SR), Slovak (SK), Slovenian (SL), Spanish, Castilian (ES-ES), Spanish, Latin America (ES-MX),	

Technical Specifications

Swedish (SV), Thai (TH), Turkish (TR), Ukrainian (UK), Vietnamese (VI)

Technical Specifications

QuickSpecs