

### Technical Specifications

Model: 9U5C1AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	60.5 cm (23.8") 60.47 cm (23.8") VA
	<b>Viewable Diagonal Size</b>	Flat 100 Hz FHD (1920 x 1080) 8 bit (6 bit + FRC) 16:9 250 nits 3000:1 8M:1
	<b>Panel Technology</b>	Yes (TÜV certified) 0.2745 x 0.2745 mm 93 PPI Up to 16.7 million colors supported*
	<b>Curvature</b>	<small>*Number of colors thru A-FRC technology.</small>
	<b>Max Refresh Rate</b>	30,000 hours
	<b>Native Resolution</b>	Edge-lit, WLED
	<b>Panel Bit Depth</b>	Anti-glare
	<b>Aspect Ratio</b>	3H
	<b>Brightness (Typical)</b>	25%
	<b>Display Contrast Ratio (Static)</b>	5ms GtG (with overdrive)
	<b>Display Contrast Ratio (Dynamic)</b>	178°
	<b>Flicker Free</b>	178°
	<b>Pixel Pitch</b>	52.7 x 29.65 cm
	<b>Pixels Per Inch (PPI)</b>	20.75 x 11.67 in
	<b>Display Colors</b>	
	<b>Backlight Lamp Life Minimum (To Half Brightness - In Hours)</b>	
	<b>Blacklight Type</b>	
	<b>Screen Treatment</b>	
	<b>Hardness</b>	
	<b>Haze</b>	
	<b>Response Time (Typical)</b>	
	<b>Horizontal Viewing Angle (Typical Cr&gt;10)</b>	
	<b>Vertical Viewing Angle (Typical Cr&gt;10)</b>	
	<b>Panel Active Area Metric (W X H)</b>	
	<b>Panel Active Area Imperial (W X H)</b>	

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

<b>Color</b>	<b>NTSE</b>	72% RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2 Yes, Gain Standard (6500K) 3-sided borderless Black Black -5 to +23° 100 mm x 100 mm Standard Security Lock Slot Yes 3/3/0 for LA, NA, EMEA, APJ (3/3/3 in select APJ Countries)
<b>Color Management</b>	<b>Color Space</b>	
	<b>RGB Channel Adjust</b>	
	<b>Default Color Temperature</b>	
<b>Monitor Specifications</b>	<b>Bezel Type</b>	
	<b>Color Of Stand</b>	
	<b>Color Of Head</b>	
	<b>Tilt</b>	
	<b>Vesa Mounting</b>	
	<b>Security Lock</b>	
	<b>Detachable Stand</b>	
	<b>Warranty</b>	

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<b>Low Blue Light</b>	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
<b>Management Software</b>	HP Client Management Script Library (CMSL)* HP Display Center** <small>*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.</small>
<b>On Screen Display (OSD)</b>	<b>On Screen Display</b> <b>Native Resolution</b>
	Brightness+, Image, Color, Input, Power, Menu, Management, Information, Exit FHD (1920 x 1080) <small>*DisplayPort™1.2 or HDMI1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920x1080 at 100 Hz with 8-bit color using one HDMI or DisplayPort™; 1920x1080 at 60 Hz with 8-bit color using one VGA.</small>
<b>Maximum Resolution</b> <b>Preset Graphic Modes/Supported Resolutions</b>	FHD (1920 x 1080 @ 100 Hz) 640 x 480 @ 60Hz 640x480@75Hz (Digital inputs only) 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 800x600 @ 75Hz (Digital inputs only) 1024 x 768 @ 60 Hz 1024 x 768 @ 75 Hz (Digital inputs only) 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1280 x 1024 @ 75 Hz (Digital inputs only) 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60Hz 1920x1080 @ 50Hz (Digital inputs only) 1920 x 1080 @ 60Hz 1920x1080 @ 75Hz (Digital inputs only) 1920x1080 @ 100z (Digital inputs only) 50 Hz VGA 60 Hz, HDMI 100 Hz 30 kHz HDMI: 115 kHz, VGA:80 kHz HDMI:300MHz, VGA:170MHz Yes, VGA 11, HDMI 18 Yes, 4 (VGA: 6 options, HDMI: 5 options) 11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
<b>Minimum Vertical Scan Rate</b> <b>Maximum Vertical Scan Rate</b> <b>Minimum Horizontal Scan Rate</b> <b>Maximum Horizontal Scan Rate</b> <b>Maximum Pixel Clock</b> <b>User Programmable Modes</b> <b>User-Assignable Function Buttons</b> <b>Languages</b>	

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<b>Connector Types</b>	HDMI HDCP VGA Switch	1 HDMI 1.4 Yes, HDMI 1 VGA Monitor Power button Next Active Input / Up button Brightness / Down button Information / Left button Color / Right button Menu / Enter button 11(VGA)/18(HDMI)
<b>Special Features</b>		
	<b>User Presets</b>	Power Supply Power
<b>Power &amp; Operating Specs</b>	<b>Source</b>  <b>Power Consumption- Max</b> <b>Energy Saving/Stand By Mode</b> <b>Power Consumption - Typical</b> <b>Operational Mode at 100 VAC</b> <b>Operational Mode at 115 VAC</b> <b>Operational Mode at 230 VAC</b>	Internal 100 – 240 VAC 50/60 Hz 30 W 0.5 W 20 W 14.3 W 14.3 W 14.3 W
<b>Energy Star Data</b>	<b>On-mode Power Consumption for Standard Dynamic Range (SDR)</b> <b>ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)</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 Metric</b> <b>Non-operating Altitude Metric</b> <b>Operating Altitude Imperial</b> <b>Non-operating Altitude Imperial</b>	14.4 W  5~35°C 41– 95°F -40 – 65°C -40 – 149°F 20 – 80% Relative Humidity (non-condensing) 5~95%RH 0~5,000m (16,400 ft.) 0~12,192m (40,000 ft.) 0~16,400ft 0~40,000ft
<b>EU Energy Efficiency Class (ErP LOT-5)</b> <b>EU Energy Efficiency Class (ErP LOT-5)</b> <b>Operating Conditions</b>	<b>Low Halogen Agency Approvals and Certifications</b>	Yes
<b>Certifications and Compliances</b>	WW application  UAE/EUP Lot6 and Lot26/ Eup Lot5/ Energy Star / TCO Edge / TCO / Australia MEPS/ Vietnam MEPS/ CEC/ Bauart/ China CCC/ cTUVus/ Korea KC/ Korea KCC/ Korea e-Standby/ CB(62368-1&60950)/ ISO9241-307/ CE/FCC/VCCI/RCM/C-TICK/IC/ India BIS/ Taiwan BSMI/ Mexico NOM/ South Africa Energy Efficiency/ Argentina S-Mark/ Singapore PSB/ Cambodia ISC/ EAC//Mexico Energy	

### Technical Specifications

/CEL/Ukraine(DOC&COC)/NRCS/Ukraine energy/PSE/SEPA/TGM/ Works with Chromebook\*

\*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

**Microsoft WHQL Certification****ENERGY STAR® Certified****EPEAT® Registered****Regions need to verify by country**

trademarks of Google LLC.

Windows 11, Windows 10

Yes

EPEAT® Gold in United States\*

\*Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

CEL Grade 2

Yes Yes

Yes (NA sku)

**China Energy Label****TCO Certified Edge****TCO Certified****SmartWay Transport Partnership - NA only****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.

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.

**Contains Recycled Plastics****Recyclable Packaging (Box, packing materials)****Unit Product/Package Specifications****Product Dimensions**

(Unpacked with stand) (W x D x H)

**Product Dimensions**

(Packed) (W x D x H)

**Display Head Dimensions**

(Unpacked without stand) (W x D x H)

**Base Area Footprint**

(w x d mm)

**Bezel Measurements****Metric**

53.89 x 18.05 x 39.79 cm

59.5 x 12.4 x 39.1 cm

53.89 x 5.143 x 32.36 cm

174 x 170 mm

Top: 1.5 cm

Sides: 1.5 cm

Bottom: 20.2 cm

**Imperial**

21.22 x 7.11 x

15.67 in

23.43 x 4.88 x 15.39

in

21.22 x 2.02 x 12.74

in

6.85 x 6.69 in

Top: 0.06 in

Sides: 0.06 in

Bottom: 0.8 in

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<b>Pallet Information</b>	<b>Product Weight</b> (Unpacked with stand)	3.56 kg	5.54 kg	3.17 kg	7.84 lb
	<b>Product Weight</b> (Packed)	Slip Sheet: 1200x1000x1967 mm (20 ft &40 ft)			12.22 lb
	<b>Product Weight</b> (Head Only)	Slip Sheet: 1200 x 1000 x 2358 mm (40 HQ)			6.99 lb
	<b>Pallet Dimensions</b> (L x W x H mm)	Pallet: 1200x1000 x 2100 mm (20 ft & 40 ft)	Pallet: 1200 x 1000 x 2494 mm (40 HQ)	Slip Sheet: 47.24 x 39.37 x77.44 inch (20 ft &40 ft)	Slip Sheet: 47.24 x 39.37 x 92.83 inch (40 HQ)
				Slip Sheet: 47.24 x 39.37 x 82.68 inch (20 ft & 40 ft)	Pallet: 47.24 x39.37 x 98.19 inch (40 HQ)
	<b>Pallet Total Weight</b>	Slip Sheet: 475kg (20 ft & 40 ft)	Slip Sheet: 569 kg (40 ft HQ)	Pallet: 485.62kg (20 ft & 40 ft)	Slip Sheet: 1047.2 lb (20 ft & 40 ft)
<b>What's in the box?</b>	<b>Pallet Layers</b>	Slip Sheet: 579.38 kg (40 ft HQ)		Pallet: 1254.43 lb (40 ft HQ)	Slip Sheet: 1254.43 lb (40 ft HQ)
	<b>Pallet Product per Layer</b>	5 (20ft/40ft slip sheet & pallet)	6 (40ft HQ slip sheet & pallet)	Pallet: 1070.61 lb (20 ft & 40 ft)	Pallet: 1070.61 lb (20 ft & 40 ft)
	<b>Total Products per Pallet</b>	16 (slip sheet & pallet)	80 (20ft/40ft slip sheet & pallet)	1680 sets (Slip Sheet and Pallet)	1680 sets (Slip Sheet and Pallet)
	<b>Container Load, 20-Foot</b>	96 (40ft HQ slip sheet & pallet)	800 sets (Slip Sheet and Pallet)	2016 sets (Slip Sheet and Pallet)	2016 sets (Slip Sheet and Pallet)
	<b>Container Load, 40-Foot</b>				
	<b>Container Load, 40-Foot HighQ</b>				
<b>User Guide and Warranty Languages</b>	AC power cord (1.83m) 5.9ft				
	HDMI 1.4 cable (1.8m) 5.9 ft				
	Quick Setup Poster				
<b>Warranty Languages</b>	Warranty				
	<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			
		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),			

# QuickSpecs

## HP Series 3 Pro FHD Monitor- 324pv

### Technical Specifications

#### HP Series 3 Pro FHD Monitor- 324pv



#### Front

1. Power Button      2. PowerLED



#### Back

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

### Technical Specifications

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

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### Change Log

December 17, 2024	V1 to V2	Updated	HP Client Management Script Library (CMSL) Footnote
	V2 to V3		
	V3 to V4		