

Technical Specifications

Model: 9U5C1AA

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


**NOTE:**Performancespecificationsrepresent thetypicalspecificationsprovidedbyHP'scomponent manufacturers; actual performance may vary either higher or lower.

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


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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**
		*The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit <a href="http://support.hp.com">support.hp.com</a> to download HP CMSL. ** Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
	<b>On Screen Display (OSD)</b>	Brightness+, Image, Color, Input, Power, Menu, Management, Information, Exit FHD (1920 x 1080)
	<b>On Screen Display Native Resolution</b>	*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.
	<b>Maximum Resolution</b>	FHD (1920 x 1080 @ 100 Hz)
	<b>Preset Graphic Modes/Supported Resolutions</b>	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)

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Connector Types	HDMI HDCP VGA Switch	1 HDMI 1.4 Yes, HDMI 1 VGA
Special Features		Monitor Power button Next Active Input / Up button Brightness / Down button Information / Left button Color / Right button Menu / Enter button 11(VGA)/18(HDMI)
	User Presets Power Supply Power	Internal
Power & Operating Specs	Source Power Consumption- Max Energy Saving/Stand By Mode Power Consumption - Typical Operational Mode at 100 VAC Operational Mode at 115 VAC Operational Mode at 230 VAC	100 – 240 VAC 50/60 Hz 30 W 0.5 W 20 W 14.3 W 14.3 W 14.3 W
Energy Star Data	On-mode Power Consumption for Standard Dynamic Range (SDR) ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)	14.4 W
EU Energy Efficiency Class (ErP LOT-5)	Operating Temperature - Celsius	
EU Energy Efficiency Class (ErP LOT-5)	Operating Temperature - Fahrenheit	
Operating Conditions	Non-Operating Temperature - Celsius	
	Non-Operating Temperature - Fahrenheit	5~35°C
	Operating Humidity	41– 95°F
	Non-Operating Humidity	–40 – 65°C
	Operating Altitude Metric	–40 – 149°F
	Non-operating Altitude Metric	
	Operating Altitude Imperial	20 – 80% Relative Humidity (non-condensing)
	Non-operating Altitude Imperial	5~95%RH
	Low Halogen Agency Approvals and	0~5,000m (16,400 ft.)
		0~12,192m (40,000 ft.)
		0~16,400ft
	Certifications	0~40,000ft
		Yes
Certifications and Compliances		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

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		/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	trademarks of Google LLC.		
	ENERGY STAR® Certified	Windows 11, Windows 10		
	EPEAT® Registered	Yes		
	Regions need to verify by country	EPEAT® Gold in United States*		
		*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.		
	China Energy Label	CEL Grade 2		
	TCO Certified Edge	Yes Yes		
	TCO Certified	Yes (NA sku)		
	SmartWay Transport Partnership - NA only			
	Contains Recycled Plastics	85% ITE-derived closed loop plastic*		
Contains Recycled Plastics		*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.		
Unit Product/Package Specifications	Product Dimensions	Metric	Imperial	
	(Unpacked with stand) (W x D x H)	53.89 x 18.05 x 39.79 cm	21.22 x 7.11 x 15.67 in	
	Product Dimensions	59.5 x 12.4 x 39.1 cm	23.43 x 4.88 x 15.39 in	
	(Packed) (W x D x H)	53.89 x 5.143 x 32.36 cm	21.22 x 2.02 x 12.74 in	
	Display Head Dimensions	174 x 170 mm	6.85 x 6.69 in	
	(Unpacked without stand) (W x D x H)	Top: 1.5 cm	Top: 0.06 in	
	Base Area Footprint	Sides: 1.5 cm	Sides: 0.06 in	
	(w x d mm)	Bottom: 20.2 cm	Bottom: 0.8 in	
	Bezel Measurements			

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Pallet Information	<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)	Slip Sheet: 47.24 x 39.37 x 77.44 inch (20 ft & 40 ft)
		Pallet: 1200 x 1000 x 2494 mm (40 HQ)	Slip Sheet: 47.24 x 39.37 x 92.83 inch (40 HQ) Pallet: 47.24 x 39.37 x 82.68 inch (20 ft & 40 ft) Pallet: 47.24 x 39.37 x 98.19 inch (40 HQ) Slip Sheet: 1047.2 lb (20 ft & 40 ft) Slip Sheet: 1254.43 lb (40 ft HQ) Pallet: 1070.61 lb (20 ft & 40 ft) Pallet: 1277.31 lb (40 ft 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) Pallet: 579.38 kg (40 ft HQ)	
	<b>Pallet Layers</b>	5 (20ft/40ft slip sheet & pallet) 6 (40ft HQ slip sheet & pallet)	
	<b>Pallet Product per Layer</b>	16 (slip sheet & pallet)	
	<b>Total Products per Pallet</b>	80 (20ft/40ft slip sheet & pallet) 96 (40ft HQ slip sheet & pallet)	
	<b>Container Load, 20-Foot</b>	800 sets (Slip Sheet and Pallet)	
	<b>Container Load, 40-Foot</b>	1680 sets (Slip Sheet and Pallet)	
	<b>Container Load, 40-Foot HighQ</b>	2016 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 Quick Setup Poster Warranty		
User Guide and Warranty Languages	<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  <b>Warranty Languages</b>  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),		

## 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

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		



For Inquiries or Orders:  
3rd Floor King's Court II Building 2129 Chino Roces  
Avenue (formerly Pasong Tamo) Makati City 1231  
Philippines  
P: (632) 8811-2878 to 89  
F: (632) 8811-2871  
Email: [sales@phildata.com](mailto:sales@phildata.com)