

## Technical Specifications

### HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu

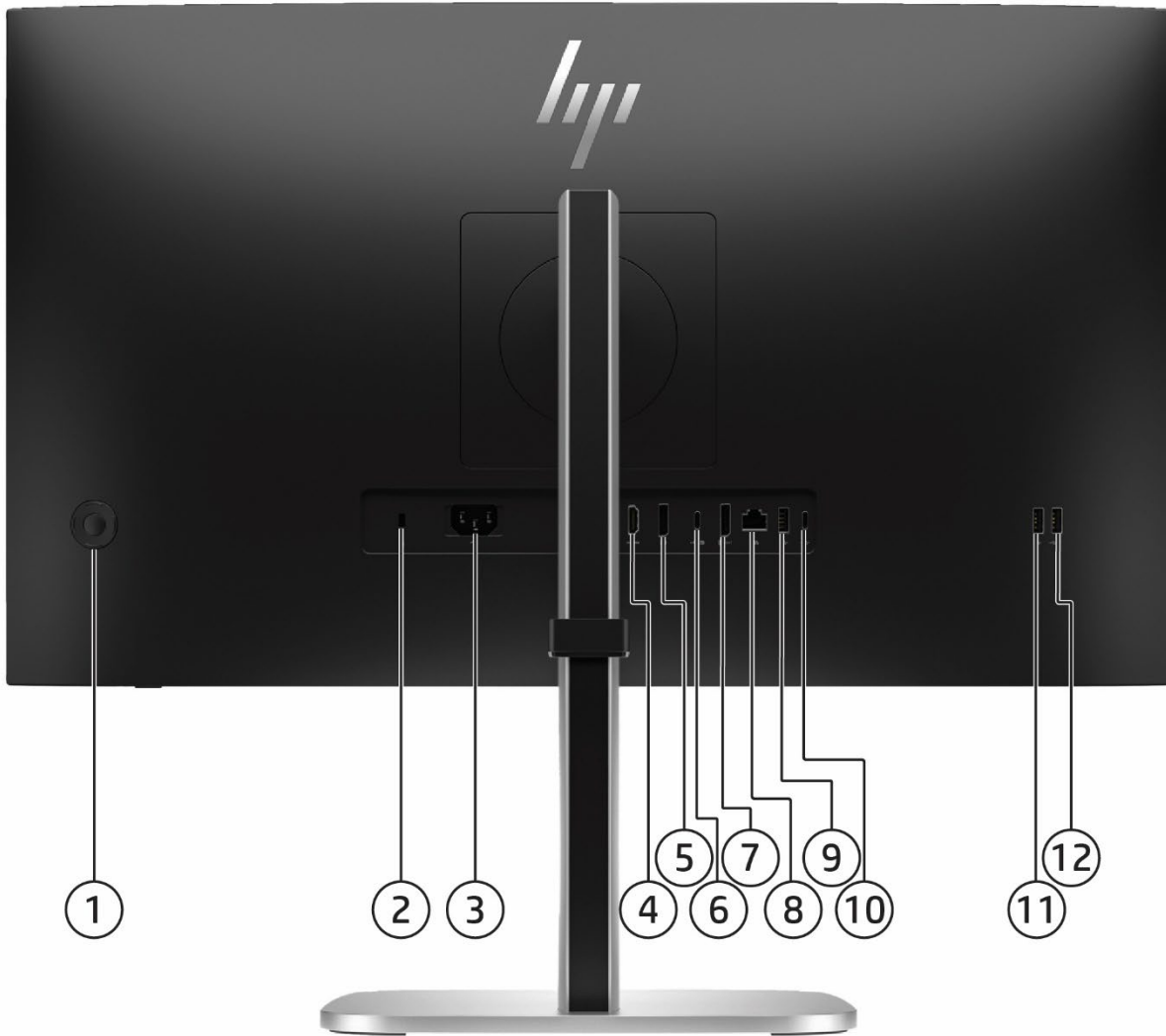


#### Front

1. Power Button
2. Power LED

### Technical Specifications

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#### Back

1. Joypad OSD button
2. Security Cable Slot
3. Power Connector
4. HDMI 2.0 Port
5. DisplayPort™ 1.4
6. SuperSpeed USB Type-C® 5Gbps signaling rate (up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
7. DisplayPort™ 1.4-out
8. RJ-45 (10/100/1000 Mbps) (Network Port)
9. SuperSpeed USB Type-A 5Gbps signaling rate
10. SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
11. SuperSpeed USB Type-A 5Gbps signaling rate
12. SuperSpeed USB Type-A 5Gbps signaling rate (charging)

### Technical Specifications

Model: 9E0G5AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	27" (68.60 cm)
	<b>Viewable Diagonal Size</b>	27" (68.47 cm)
	<b>Panel Technology</b>	IPS
	<b>Curvature</b>	Flat
	<b>Max Refresh Rate</b>	100 Hz
	<b>Native Resolution</b>	QHD (2560 x 1440)
	<b>Panel Bit Depth</b>	True 8 bit
	<b>Aspect Ratio</b>	16:9
	<b>Brightness (Typical)</b>	350 nits
	<b>Display Contrast Ratio (Static)</b>	1500:1
	<b>Display Contrast Ratio (Dynamic)</b>	10000000:1 = 10M:1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.2331 x 0.2331 mm
	<b>Pixels Per Inch (PPI)</b>	109 PPI
	<b>Display Colors</b>	Up to 16.7 million colors supported <i>*Number of colors through A-FRC technology.</i>
	<b>Backlight Lamp Life Minimum (To Half Brightness - In Hours)</b>	30,000 hours
	<b>Backlight Type</b>	Edge-lit, WLED
	<b>Screen Treatment</b>	Anti-glare
	<b>Hardness</b>	3H
	<b>Haze</b>	25%
	<b>Response Time (Typical)</b>	5ms GtG (with overdrive)
	<b>Horizontal Viewing Angle (Typical Cr&gt;10)</b>	178°
	<b>Vertical Viewing Angle (Typical Cr&gt;10)</b>	178°
<b>Panel Active Area Metric (W X H)</b>	59.67 x 33.57 cm	
<b>Panel Active Area Imperial (W X H)</b>	23.49 x 13.22 in	
<b>NOTE:</b> Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
<b>Color</b>	sRGB	100%
<b>Color Management</b>	<b>Color Space</b>	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	<b>RGB Channel Adjust</b>	Yes, Gain
	<b>Default Color Temperature</b>	Standard (6500K)
<b>Monitor Specifications</b>	<b>Bezel Type</b>	3-sided borderless
	<b>Color Of Stand</b>	Natural Silver and Jet Black
	<b>Color Of Head</b>	Jet Black
	<b>Tilt</b>	-5 to +20°
	<b>Swivel</b>	±45°
	<b>Pivot</b>	±90

### Technical Specifications

<b>Height Adjust Range</b>	150 mm
<b>Vesa Mounting</b>	100mm x 100mm
<b>Security Lock</b>	Security lock-ready
<b>Detachable Stand</b>	Yes
<b>Warranty</b>	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
<b>Low Blue Light</b>	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
<b>Zero Bright Dot Guarantee</b>	No
<b>Management Software</b>	HP Client Management Script Library* 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](http://support.hp.com) to download HP CMSL.

\*\*Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or [support.hp.com](http://support.hp.com) for Windows and MacOS.

### On Screen Display (OSD)

<b>On Screen Display</b>	Brightness +, Color, Image, Input, Power, Menu, Management, Information, Exit
<b>Native Resolution</b>	QHD (2560 x 1440)
<b>Maximum Resolution</b>	QHD (2560 x 1440 @ 100Hz)
<b>Preset Graphic Modes/Supported Resolutions</b>	720x400@70Hz 640x480@60hz 640x480@75hz 800x600@60hz 800x600@75hz 1024x768@60Hz 1024x768@75Hz 1280x720@60Hz 1280x800@60Hz 1280x1024@60Hz 1280x1024@75hz 1440x900@60Hz 1600x900@60Hz 1680x1050@60Hz 1920x1080@60Hz 1920x1080@75Hz 1920x1080@100Hz 1920x1200@60Hz 2560x1440@60Hz 2560x1440@75Hz 2560x1440@100Hz
<b>Minimum Vertical Scan Rate</b>	50 Hz
<b>Maximum Vertical Scan Rate</b>	100 Hz
<b>Minimum Horizontal Scan Rate</b>	30 kHz

### Technical Specifications

	<b>Maximum Horizontal Scan Rate</b>	155 kHz
	<b>Maximum Pixel Clock</b>	420 MHz
	<b>User Programmable Modes</b>	Yes, 21
	<b>User-Assignable Function Buttons</b>	Yes, 4 (6 options)
	<b>Languages</b>	English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian
<b>Connector Types</b>	<b>DisplayPort™</b>	1 DisplayPort™ 1.4
	<b>DisplayPort™ Out</b>	1 DisplayPort™ 1.4-out
	<b>HDMI</b>	1 HDMI 2.0
	<b>HDCP</b>	Yes, DisplayPort™, HDMI and USB Type-C®
	<b>USB Type-C® Video Input &amp; Data Transfer</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
	<b>USB Type-C® Data Transfer Only</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
	<b>USB- A</b>	3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
	<b>Ethernet</b>	1 RJ-45 (10/100/1000 Mbps)
<b>Special Features</b>	<b>Switch</b>	Monitor Power button Next Active Input / Up button Information / Down button Brightness / Left button Color / Right button Menu / Enter button Through HP Client Management Script Library, In-Band MAC Address Pass Through (MAPT), Out-of-Band MAC Address Pass Through (MAPT), In-Band Wake on LAN (WOL), Out-of-Band Wake on LAN (WOL), PXE Boot
	<b>Remote Manageability</b>	
	<b>User Presets</b>	21
	<b>User Updateable Firmware</b>	Yes
	<b>Other Special Features</b>	Single Power On, Daisy Chain
<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal
	<b>Power Source</b>	100 – 240 VAC 50/60 Hz
	<b>Power Consumption- Max</b>	208 W
	<b>Energy Saving/Stand By Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	30 W
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	20 W
	<b>Operational Mode at 115 VAC</b>	20 W
	<b>Operational Mode at 230 VAC</b>	20 W
<b>EU Energy Efficiency Class (ErP LOT-5)</b>	<b>On-mode Power Consumption for Standard Dynamic Range (SDR)</b>	19 W
	<b>ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)</b>	

### Technical Specifications

<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	5~35°C
	<b>Operating Temperature - Fahrenheit</b>	41– 95°F
	<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%RH
	<b>Operating Altitude Metric</b>	0~5,000m
	<b>Non-operating Altitude Metric</b>	0~12,192m
	<b>Operating Altitude Imperial</b>	0~16,400ft
<b>Non-operating Altitude Imperial</b>	0~40,000ft	
<b>Certifications and Compliances</b>	<b>Low Halogen</b>	Yes*
		* External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
	<b>Agency Approvals and Certifications</b>	WW application CB/KC/NOM/TUV-S/ISO 9241-307/EAC/PSE/cTUVus/PSB/ISC/CCC/CECP/SEPA/TCO/TCO Certified Edge/BSMI/GS/TUV HW Low Blue Light/TUV Flicker Free/UAE/Ukraine/BIS/NRCS/CE/FCC/VCCI/BSMI/EMF/KC C/ICES/RCM/Australian-New Zealand DoC/Energy Star/Korea MEPS/Ukraine EE/CEL/California CEC/WEEE/TGM
	<b>Microsoft WHQL Certification</b>	Windows 11 (x64 only), Windows 10 (x64 only)
	<b>ENERGY STAR® Certified</b>	Yes
	<b>EPEAT® Registered</b>	EPEAT® Gold in United States*
	<b>Regions need to verify by country</b>	*EPEAT® Gold <b>NOTE:</b> 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.
	<b>China Energy Label</b>	CEL Grade 1
	<b>TCO Certified Edge</b>	Yes
	<b>TCO Certified</b>	Yes
	<b>SmartWay Transport Partnership - NA only</b>	Yes (NA sku)
<b>Contains Recycled Materials</b>	<b>Recycled Plastics</b>	85% ITE-derived closed loop plastic* Contains Ocean-Bound Plastic** *Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard

### Technical Specifications

\*\* All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.

#### Recycled Metal

At least 40% recycled metal including 90% recycled aluminum in the stand\*

\* Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

#### Recycled Glass

Contains 20% recycled glass in the monitor panel\*

\* Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.

#### Recyclable Packaging (Box, packing materials)

Outside Box and corrugated cushions are 100% sustainably sourced and recyclable\*

Molded Paper Pulp Cushion inside box is 100% sustainably sourced and recyclable\*\*

\*100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

\*\*Molded pulp cushions contains 100% recycled wood fiber and organic materials.

Unit Product/Package Specifications	Product Dimensions	<u>Metric</u>	<u>Imperial</u>
		(Unpacked with stand) (W x D x H)	61.34 x 20.70 x 54.38 cm
	<b>Product Dimensions</b> (Packed) (W x D x H)	69.9 x 16 x 44.6 cm	27.52 x 6.3 x 17.56 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	61.34 x 4.73 x 35.67 cm	24.15 x 1.86 x 14.04 in
	<b>Base Area Footprint</b> (w x d mm)	255.96 x 206.96 mm	10.08 x 8.15 in
	<b>Bezel Measurements</b>	Top: NA Sides: NA Bottom: 10.6 mm	Top: NA Sides: NA Bottom: 0.42 in
	<b>Product Weight</b> (Unpacked with stand)	7.2 kg	15.87 lb
	<b>Product Weight</b> (Packed)	10.43 kg	23 lb
	<b>Product Weight</b> (Head Only)	5.5 kg	12.13 lb
<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H mm)	Slip Sheet: 1140 x 740 x 2255mm (20' ft & 40' ft) Slip Sheet: 1140x 740x 2255 mm (40' HQ)	Slip Sheet: 44.88 x 29.13 x 88.78 inch (20' ft & 40' ft) Slip Sheet: 44.88 x 29.13 x 88.78 inch (40' HQ)

### Technical Specifications

	Pallet: 1140 x 740 x 1926 mm (20' ft & 40' ft)	Pallet: 44.88 x 29.13 x 75.83 inch (20' ft & 40' ft)
	Pallet: 1140 x 740 x 2375 mm (40' HQ)	Pallet: 44.88 x 29.13 x 93.50 inch (40' HQ)
<b>Pallet Total Weight</b>	Slip Sheet: 376.1kg (20' ft & 40' ft)	Slip Sheet: 829.2 lbs (20' ft & 40' ft)
	Slip Sheet: 376.1kg (40' HQ)	Slip Sheet: 829.2 lbs (40' HQ)
	Pallet: 310.4kg (20' ft & 40' ft)	Pallet: 684.4 lbs (20' ft & 40' ft)
	Pallet: 383.4kg (40' HQ)	Pallet: 845.3 lbs (40' HQ)
<b>Pallet Layers</b>	Slip Sheet: 5 layers (20' ft & 40' ft)	
	Slip Sheet: 5 layers (40' HQ)	
	Pallet: 4 layers (20' ft & 40' ft)	
	Pallet: 5 layers (40' HQ)	
<b>Pallet Product per Layer</b>	7 per layer (slip sheet & pallet)	
	Slip Sheet: 35 sets (20' ft & 40' ft)	
<b>Total Products per Pallet</b>	Slip Sheet: 35 sets (40' HQ)	
	Pallet: 28 sets (20' ft & 40' ft)	
	Pallet: 35 sets (40' HQ)	
<b>Container Load, 20-Foot</b>	448 sets (pallet)	
	560 sets (slip sheet)	
<b>Container Load, 40-Foot</b>	896 sets (pallet)	
	1120 sets (slip sheet)	
<b>Container Load, 40-Foot HighQ</b>	1120 sets (slip sheet and pallet)	
<b>What's in the box?</b>	AC power cord (1.83m) 5.9ft	
	USB 3.2 C-C cable (1.8m)	
	Warranty	
	Quick Setup Poster	
<b>User Guide and Warranty Languages</b>	<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), 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)

### *Technical Specifications*

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## Summary

Change Log			
February 4, 2025	V1 to V2	Added	TGM
April 13, 2026	V2 to V3	Updated	Maximum Vertical Scan
	V3 to V4		