Technical Specifications

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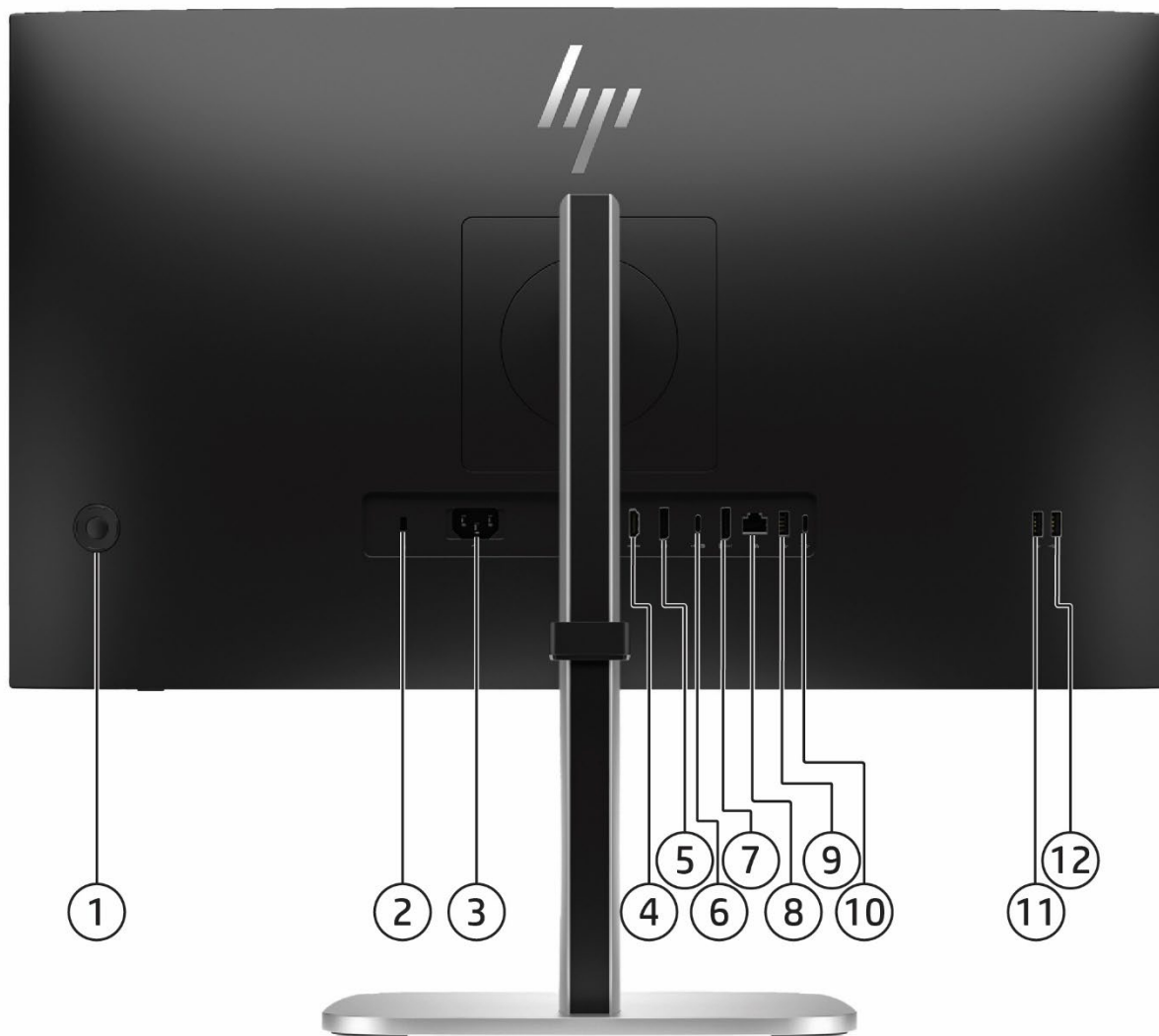

Front

1. Power Button
2. Power LED

QuickSpecs

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Back

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

QuickSpecs

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Model: 9E0G5AA

Panel Specifications	Display Size (Diagonal)	27" (68.60 cm)
	Viewable Diagonal Size	27" (68.47 cm)
	Panel Technology	IPS
	Curvature	Flat
	Max Refresh Rate	100 Hz
	Native Resolution	QHD (2560 x 1440)
	Panel Bit Depth	True 8 bit
	Aspect Ratio	16:9
	Brightness (Typical)	350 nits
	Display Contrast Ratio (Static)	1500:1
	Display Contrast Ratio (Dynamic)	10000000:1 = 10M:1
	Flicker Free	Yes
	Pixel Pitch	0.2331 x 0.2331 mm
	Pixels Per Inch (PPI)	109 PPI
	Display Colors	Up to 16.7 million colors supported
		*Number of colors through 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)	59.67 x 33.57 cm
	Panel Active Area Imperial (W X H)	23.49 x 13.22 in

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

Color	sRGB	100%

Color Management	Color Space	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	Standard (6500K)

Monitor Specifications	Bezel Type	3-sided borderless
	Color Of Stand	Natural Silver and Jet Black
	Color Of Head	Jet Black
	Tilt	-5 to +20°
	Swivel	±45°
	Pivot	±90
	Height Adjust Range	150 mm
	Vesa Mounting	100mm x 100mm
	Security Lock	Security lock-ready

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	Detachable Stand	Yes
	Warranty	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
	Low Blue Light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Zero Bright Dot Guarantee	No
	Management Software	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 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 for Windows and MacOS.
On Screen Display (OSD)	**On Screen Display**	Brightness +, Color, Image, Input, Power, Menu, Management, Information, Exit
	Native Resolution	QHD (2560 x 1440)
	Maximum Resolution	QHD (2560 x 1440 @ 100Hz)
	Preset Graphic Modes/Supported Resolutions	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
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	75 Hz
	Minimum Horizontal Scan Rate	30 kHz
	Maximum Horizontal Scan Rate	155 kHz
	Maximum Pixel Clock	420 MHz
	User Programmable Modes	Yes, 21
	User-Assignable Function Buttons	Yes, 4 (6 options)
	Languages	English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian

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Connector Types	**DisplayPort™**	1 DisplayPort™ 1.4
	DisplayPort™ Out	1 DisplayPort™ 1.4-out
	HDMI	1 HDMI 2.0
	HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
	USB Type-C® Video Input & Data Transfer	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
	USB Type-C® Data Transfer Only	1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
	USB- A	3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
	Ethernet	1 RJ-45 (10/100/1000 Mbps)
Special Features	**Switch**	Monitor Power button Next Active Input / Up button Information / Down button Brightness / Left button Color / Right button Menu / Enter button
	Remote Manageability	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
	User Presets	21
	User Updateable Firmware	Yes
	Other Special Features	Single Power On, Daisy Chain
Power & Operating Specs	**Power Supply**	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	208 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption - Typical	30 W
Energy Star Data	**Operational Mode at 100 VAC**	20 W
	Operational Mode at 115 VAC	20 W
	Operational Mode at 230 VAC	20 W
EU Energy Efficiency Class (ErP LOT-5)	**On-mode Power Consumption for Standard Dynamic Range (SDR)**	19 W
	ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)	A↑G **E**
Operating Conditions	**Operating Temperature - Celsius**	5~35°C
	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

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	Operating Altitude Metric	0~5,000m
	Non-operating Altitude Metric	0~12,192m
	Operating Altitude Imperial	0~16,400ft
	Non-operating Altitude Imperial	0~40,000ft
Certifications and Compliances	**Low Halogen**	Yes*
		* External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
	Agency Approvals and Certifications	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/KCC/ICES/RCM/Australian-New Zealand DoC/Energy Star/Korea MEPS/Ukraine EE/CEL/California CEC/WEEE/TGM
	Microsoft WHQL Certification	Windows 11 (x64 only), Windows 10 (x64 only)
	ENERGY STAR® Certified	Yes
	EPEAT® Registered **Regions need to verify by country**	EPEAT® Gold in United States*
		*EPEAT® Gold **NOTE:** 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 Edge	Yes
	TCO Certified	Yes
	SmartWay Transport Partnership - NA only	Yes (NA sku)
Contains Recycled Materials	**Recycled Plastics**	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 ** 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*

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* 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.

		Metric	Imperial
	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.

		Metric	**Imperial**
Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	61.34 x 20.70 x54.38 cm	24.15 x 8.15 x 21.41 in
	Product Dimensions (Packed) (W x D x H)	69.9 x 16 x 44.6 cm	27.52 x 6.3 x 17.56 in
	Display Head Dimensions (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
	Base Area Footprint (w x d mm)	255.96 x 206.96 mm	10.08 x 8.15 in
	Bezel Measurements	Top: NA Sides: NA Bottom: 10.6 mm	Top: NA Sides: NA Bottom: 0.42 in
	Product Weight (Unpacked with stand)	7.2 kg	15.87 lb
	Product Weight (Packed)	10.43 kg	23 lb
	Product Weight (Head Only)	5.5 kg	12.13 lb
Pallet Information	**Pallet Dimensions** (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) Pallet: 1140 x 740 x 1926 mm (20' ft & 40' ft) Pallet: 1140 x 740 x 2375 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) Pallet: 44.88 x 29.13 x 75.83 inch (20' ft & 40' ft) Pallet: 44.88 x 29.13 x 93.50 inch (40' HQ)
	Pallet Total Weight	Slip Sheet: 376.1kg (20' ft & 40' ft) Slip Sheet: 376.1kg (40' HQ) Pallet: 310.4kg (20' ft & 40' ft) Pallet: 383.4kg (40' HQ)	Slip Sheet: 829.2 lbs (20' ft & 40' ft) Slip Sheet: 829.2 lbs (40' HQ) Pallet: 684.4 lbs (20' ft & 40' ft) Pallet: 845.3 lbs (40' HQ)
	Pallet Layers	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)	
	Pallet Product per Layer	7 per layer (slip sheet & pallet)	

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	Total Products per Pallet	Slip Sheet: 35 sets (20' ft & 40' ft) Slip Sheet: 35 sets (40' HQ) Pallet: 28 sets (20' ft & 40' ft) Pallet: 35 sets (40' HQ)
	Container Load, 20-Foot	448 sets (pallet) 560 sets(slip sheet)
	Container Load, 40-Foot	896 sets pallet) 1120 sets(slip sheet)
	Container Load, 40-Foot HighQ	1120 sets (slip sheet and pallet)
What's in the box?	AC power cord (1.83m) 5.9ft USB 3.2 C-C cable (1.8m) 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), Swedish (SV), Thai (TH), Turkish (TR), Ukrainian (UK), Vietnamese (VI)

Technical Specifications

Summary

Change Log			
February 4, 2025	V1 to V2	Added	TGM
	V2 to V3		
	V3 to V4		