Technical Specifications

HP Series 5 27 inch FHD Monitor – 527da

Front

1. Power Button

2. Power LED

Technical Specifications

HP Series 5 27 inch FHD Monitor – 527da

Back

1.	Security cable slot	**5.**	Audio Output Port
2.	Power Connector for external power brick	**6.**	VGA Port
3.	Power light	**7.**	HDMI 1.4 Port
4.	Audio Input Port	**8.**	HDMI 1.4 Port

Technical Specifications

Model: B11W6AT

Panel Specifications	**Display Size (Diagonal)**	27" (68.6 cm)
	Viewable Diagonal Size	27" (68.6 cm)
	Panel Technology	IPS
	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)	300 nits
	Display Contrast Ratio (Static)	1500:1
	Display Contrast Ratio (Dynamic)	8000000:1 = 8M:1
	Flicker Free	Yes (TÜV certified)
	Pixel Pitch	0.3114 x 0.3114 mm
	Pixels Per Inch (PPI)	82 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
	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)	59.79 x 33.63 cm
	Panel Active Area Imperial (W X H)	23.54 x 13.24 in
	NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
Color	**sRGB**	99%
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	Metal Gray
	Color Of Head	Black
	Tilt	-5 to +25°
	Height Adjust Range	100 mm
	Vesa Mounting	Not VESA mount compatible
	Security Lock	Security lock-ready
	Detachable Stand	Yes

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	Warranty	AMS:3-3-0 APJ:3-3-0 except India, Korea, China, Japan 3-3-3 EMEA:3-3-0
	Low Blue Light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Speaker Output Power	2 x 2 W
	Management Software	HP Client Management Script Library*, HP Display Center** * HP CMSL software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors. HP CMSL is available for download on support.hp.com. **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	FHD (1920 x 1080)* * HDMI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920x1080 at 60Hz (native) with 8-bit color using one HDMI or VGA.
	Maximum Resolution	1920 x 1080 @ 100Hz
	Preset Graphic Modes/Supported Resolutions	PC Timing 640 x 480 @ 60Hz 720 x 400 @ 70Hz 800 x 600 @ 60Hz 1024 x 768 @ 60Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz 1920 x 1080 @ 75 Hz 1920 x 1080 @ 100 Hz Video Timing 640x480p @ 60 Hz 720x480p @ 60 Hz 1280x720p @ 60 Hz 720x576p @ 50 Hz 1280x720p @ 50 Hz 1920x1080p @ 60 Hz 1920x1080p @ 50 Hz
	Minimum Vertical Scan Rate	48 Hz
	Maximum Vertical Scan Rate	100 Hz
	Minimum Horizontal Scan Rate	30 kHz
	Maximum Horizontal Scan Rate	113 kHz

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	Maximum Pixel Clock	300 MHz
	User Programmable Modes	Yes, 20
	User-Assignable Function Buttons	Yes, 3 (7 options)
	Audio	Audio Out; Audio In
	Languages	11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
Connector Types	**HDMI**	2 HDMI 1.4
	HDCP	Yes, HDMI
	VGA	1 VGA
	Audio Port	1 x 3.5 mm Audio Jack (Audio Out); 1 x 3.5 mm Audio Jack (Audio In)
Special Features	**Switch**	Menu/OK, Minus("-"))/Brightness, Plus ("+")/Volume, Next Active Input, Power
	User Presets	20
Power & Operating Specs	**Power Supply**	External
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	31 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption - Typical	23 W
Energy Star Data	**Operational Mode at 100 VAC**	15 W
	Operational Mode at 115 VAC	15 W
	Operational Mode at 230 VAC	15 W
EU Energy Efficiency Class (ErP LOT-5)	**On-mode Power Consumption for Standard Dynamic Range (SDR)**	17 W
	ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)	
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
	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	**Low Halogen**	Yes*

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Compliances

* 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/CE/cTUVus/ TUV-Bauart/FCC/ICES/VCCI/CCC/CEL/CECP/BSMI/Energy star8.0/Australian-New Zealand MEPS/KCC/KC/KMEPS/ISO 9241-307/BIS/UAE ECAS/ UAE RoHS/EAC/CEC/NOM/Ukraine CoC/ Ukraine NSoC/ Ukraine energy/NRCS of South Africa/ South Africa energy/Erp/ Vietnam MEPS/ Flicker free/TCO/TGM/SEPA/ TUV HW Low Blue Light
	Microsoft WHQL Certification	Windows 11, Windows 10
	ENERGY STAR® Certified	Yes
	EPEAT® Registered	EPEAT® Gold in United States.*
	Regions need to verify by country	*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**	90% post-consumer recycled plastic* 5% Ocean-Bound Plastic** *Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. ** Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.
	Recycled Metal	10%* * 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.
	Recyclable Packaging (Box, packing materials)	100% of HP paper-based packaging is from recycled or certified sustainable sources* *HP paper and fiber-based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.

Metric	**Imperial**

Technical Specifications

Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	60.79 x 21.22 x 50.03 cm	23.93 x 8.35 x 19.7 in
	Product Dimensions (Packed) (W x D x H)	69 x 12.6 x 43 cm	27.17 x 4.96 x 16.93 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	60.79 x 3.42 x 35.6 cm	23.93 x 1.35 x 14.02 in
	Base Area Footprint (w x d)	18.6 x 20.15 cm	7.32 x 7.93 in
	Bezel Measurements	Top: NA Sides: NA Bottom: 13.7 cm	Top: NA Sides: NA Bottom: 0.53 in
	Product Weight (Unpacked with stand)	4.22 kg	9.3 lb
	Product Weight (Packed)	7.01 kg	15.45 lb
	Product Weight (Head Only)	2.87 kg	6.33 lb
Pallet Information	**Pallet Dimensions** (L x W x H mm)	Slip sheet: 115.5 x 70.3 x 216.3 cm (40 HQ) Pallet: 115 x 70 x 185.7 cm (20 ft) Pallet: 115 x 70 x 185.7 cm (40 ft)	Slip sheet: 45.47 x 27.68 x 85.16 inch (40 HQ) Pallet: 45.28 x 27.56 x 73.11 inch (20 ft) Pallet: 45.28 x 27.56 x 73.11 inch (40 ft)
	Pallet Total Weight	Slip sheet: 10793.3 KG (40 HQ) Pallet: 4357.76 KG (20 ft) Pallet: 9260.24 KG (40 ft)	Slip sheet: 23795.15 lb (40 HQ) Pallet: 9607.22 lb (20 ft) Pallet: 20415.33 lb (40 ft)
	Pallet Layers	4 layers per wood pallet (GQ) 5 layers per slipsheet (HQ)	
	Pallet Product per Layer	9 per layer (slip sheet & pallet)	
	Total Products per Pallet	36 layers per wood pallet (GQ) 45 layers per slipsheet (HQ)	
	Container Load, 20-Foot	Slip sheet: 0 sets Pallet: 576 sets	
	Container Load, 40-Foot	Slip sheet: 0 sets Pallet: 1224 sets	
	Container Load, 40-Foot HighQ	Slip sheet: 1530 sets Pallet: 0 sets	
What's in the box?	AC power cord (1.83m) 5.9ft (exclude EU, some APJ countries); HDMI 1.4 cable (1.8m) 5.9 ft; Quick Setup Poster; Power adaptor; Doc kit		
User Guide and Warranty Languages	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.	
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian	

Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish

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Summary

Change Log			
January 31, 2025	V1 to V2	Updated	Image
February 10, 2025	V2 to V3	Deleted	Zero Bright Dot Warranty
February 20, 2025	V3 to V4	Updated	Overview Section