

## Samsung S80PB LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD Black

**Brand :** Samsung

**Product family:** ViewFinity

**Product code:**  
LS27B800PXPXEN

**Product name :** S80PB

Samsung S80PB. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Wall mountable	✓
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Height adjustment	12 cm
Panel type *	IPS	Pivot	✓
Touchscreen *	✗	Pivot angle	-2 - 92°
Display brightness (typical)	350 cd/m <sup>2</sup>	Swivelling	✓
Display brightness (min)	320 cd/m <sup>2</sup>	Swivel angle range	-30 - 30°
Response time *	5 ms	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-2 - 25°
Supported graphics resolutions	3840 x 2160	Picture-in-Picture	✓
Supported video modes	2160p	Plug and Play	✓
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega DCR	Power	
Maximum refresh rate *	60 Hz	Energy efficiency class (SDR) *	F
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	26 kWh
Display number of colours *	1.07 billion colours	Energy consumption (HDR) per 1000 hours *	49 kWh
Viewable size, horizontal	59.7 cm	Power consumption (typical) *	26.1 W
Viewable size, vertical	33.6 cm	Power consumption (standby) *	0.5 W
Display diagonal (metric)	68 cm	Power consumption (max)	170 W
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0.3 W
High Dynamic Range (HDR) technology	DisplayHDR 400	AC input voltage	100 - 240 V
Colour gamut standard	DCI-P3	Power supply type	Internal
Colour gamut	98%	Energy efficiency scale	A to G
Performance		European Product Registry for Energy Labelling (EPREL) code	1414380
NVIDIA G-SYNC *	✗	Operational conditions	
AMD FreeSync *	✗	Operating temperature (T-T)	10 - 40 °C
Flicker-free technology	✓	Operating relative humidity (H-H)	10 - 80%
Game mode	✓	Weight & dimensions	
Smart modes	Cinema, Custom, Dynamic, Energy saving, Standard	Width (with stand)	615.5 mm

<b>Performance</b>		<b>Weight &amp; dimensions</b>	
Windows operating systems supported	Windows 10	Depth (with stand)	196.4 mm
<b>Multimedia</b>		Height (with stand)	551.9 mm
Built-in speaker(s) *	✗	Weight (with stand)	6.7 kg
Built-in camera *	✗	Width (without stand)	615.5 mm
<b>Design</b>		Depth (without stand)	42.7 mm
Market positioning *	Professional	Height (without stand)	368.2 mm
Product colour *	Black	Weight (without stand)	4.7 kg
Detachable stand	✓	<b>Packaging data</b>	
Feet colour	Black	Package width	686 mm
<b>Ports &amp; interfaces</b>		Package depth	450 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Package height	171 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	Package weight	8.4 kg
Built-in USB hub *	✓	<b>Packaging content</b>	
Number of USB Type-C upstream ports quantity	1	Stand included	✓
USB Power Delivery (USB PD)	✓	Cables included	HDMI, USB Type-C
USB Power Delivery up to	90 W	Installation CD	✓
HDMI *	✓	Power cable length	1.5 m
HDMI ports quantity	1	<b>Sustainability</b>	
HDMI version	2.0	Sustainability compliance	✓
DisplayPorts quantity	1	Sustainability certificates	ENERGY STAR, TCO
DisplayPort version	1.4	<b>Other features</b>	
Headphone out *	✓	Picture-by-Picture (PbP)	✓
Headphone outputs	1	Samsung Eye Saver Mode	✓
HDCP	✓	Eco Saving Plus	✓
HDCP version	2.2	Eco Light Sensor	✓
AC (power) in	✓	Image size	✓
<b>Network</b>		Factory tuning	✓
Ethernet LAN	✓	Adaptive picture	✓
		Off Timer Plus	✓
		Auto source switch+	✓
		Ethernet LAN (RJ-45) ports	1



8806094926347

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 23-DEC-2024. Prints or copies of Information are only valid on the printed Publication date