

Samsung S80PB LED display 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Samsung

Product family: ViewFinity

Product code: LS32B800PXPXEN

Product name : S80PB

Samsung S80PB. Display diagonal: 81.3 cm (32"), 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 *	81.3 cm (32")	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	Adjustable height (max)	12 cm
Panel type *	IPS	Pivot	✓
Touchscreen *	✗	Pivot angle	-2 - 92°
Display brightness (typical)	350 cd/m²	Swivelling	✓
Display brightness (min)	280 cd/m²	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		
Maximum refresh rate *	60 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	G
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	1.07 billion colours	Energy consumption (SDR) per 1000 hours *	33 kWh
Viewable size, horizontal	69.7 cm	Energy consumption (HDR) per 1000 hours *	71 kWh
Viewable size, vertical	39.2 cm	Power consumption (typical) *	33.2 W
Display diagonal (metric)	80 cm	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (max)	210 W
High Dynamic Range (HDR) technology	DisplayHDR 600	Power consumption (off)	0.3 W
Colour gamut standard	DCI-P3	AC input voltage	100 - 240 V
Colour gamut	98%	Power supply type	Internal
Performance		Energy efficiency scale	A to G
NVIDIA G-SYNC *	✗	European Product Registry for Energy Labelling (EPREL) code	1414381
AMD FreeSync *	✗	Annual energy consumption	46 kWh
Flicker-free technology	✓	Operational conditions	
Game mode	✓	Operating temperature (T-T)	10 - 40 °C
Smart modes	Cinema, Custom, Dynamic, Energy saving, Standard	Operating relative humidity (H-H)	10 - 80%

Performance		Weight & dimensions	
Windows operating systems supported	Windows 10	Width (with stand)	716.1 mm
Multimedia		Depth (with stand)	211.4 mm
		Height (with stand)	580.4 mm
		Weight (with stand)	7.5 kg
Built-in speaker(s) *	✗	Width (without stand)	716.1 mm
Built-in camera *	✗	Depth (without stand)	41.3 mm
Design		Height (without stand)	424.7 mm
		Weight (without stand)	5.2 kg
		Packaging data	
Market positioning *	Professional	Package width	800 mm
Product colour *	Black	Package depth	511 mm
Detachable stand	✓	Package height	171 mm
Feet colour	Black	Package weight	9.5 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Stand included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	Cables included	HDMI, USB
Built-in USB hub *	✓	Installation CD	✓
USB Power Delivery (USB PD)	✓	Sustainability	
USB Power Delivery up to	90 W	Sustainability compliance	✓
HDMI *	✓	Sustainability certificates	ENERGY STAR, TCO
HDMI ports quantity	1	Other features	
HDMI version	2.0	Samsung Eye Saver Mode	✓
DisplayPorts quantity	1	Eco Saving Plus	✓
DisplayPort version	1.4	Eco Light Sensor	✓
Headphone out *	✓	Image size	✓
Headphone outputs	1	Factory tuning	✓
HDCP	✓	Adaptive picture	✓
HDCP version	2.2	Off Timer Plus	✓
AC (power) in	✓	Auto source switch+	✓
Network		Ethernet LAN (RJ-45) ports	1
Ethernet LAN	✓		



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