

Samsung S80TB LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Samsung

Product family: ViewFinity

Product code:
LS27B800TGUXEN

Product name : S80TB

Samsung S80TB. 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 speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Height adjustment *	✓
Display resolution *	3840 x 2160 pixels	Height adjustment	12 cm
HD type *	4K Ultra HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-2 - 92°
Display technology *	LED	Swivelling	✓
Panel type *	IPS	Swivel angle range	-30 - 30°
Touchscreen *	✗	Tilt adjustment	✓
Display brightness (typical)	350 cd/m ²	Tilt angle range	-2 - 25°
Display brightness (min)	280 cd/m ²	Picture-in-Picture	✓
Response time *	5 ms		
Response time measurement type	GTG (Gray to Gray)	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	F
Contrast ratio (typical) *	1000:1	Energy efficiency class (HDR) *	G
Dynamic contrast ratio marketing name	Mega DCR	Energy consumption (SDR) per 1000 hours *	26 kWh
Maximum refresh rate *	60 Hz	Energy consumption (HDR) per 1000 hours *	49 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	26 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	1 billion colours	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	AC input frequency	50/60 Hz
Viewable size, vertical	33.6 cm	Power supply type	Internal
Display diagonal (metric)	68 cm	Energy efficiency scale	A to G
High Dynamic Range (HDR) supported	✓	European Product Registry for Energy Labelling (EPREL) code	1319907
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Operational conditions	
Colour gamut standard	sRGB	Operating temperature (T-T)	10 - 40 °C
Colour gamut	99%	Operating relative humidity (H-H)	10 - 80%
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	615.5 mm
AMD FreeSync *	✗	Depth (with stand)	196.4 mm
Flicker-free technology	✓	Height (with stand)	551.9 mm
Game mode	✓	Weight (with stand)	7.1 kg
Multimedia		Width (without stand)	615.5 mm
Built-in speaker(s) *	✓	Depth (without stand)	42.7 mm

Multimedia		Weight & dimensions	
Built-in camera *	✗	Height (without stand)	368.2 mm
Design		Weight (without stand)	5.1 kg
Market positioning *	Professional	Packaging data	
Product colour *	Black	Stand type	HAS stand
Feet colour	Black	Package width	686 mm
Ports & interfaces		Package depth	171 mm
Built-in USB hub *	✓	Package height	450 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package weight	8.9 kg
USB Type-A downstream ports quantity	3	Package type	Box
USB Power Delivery (USB PD)	✓	Packaging content	
USB Power Delivery up to	90 W	Stand included	✓
HDMI *	✓	Cables included	AC, HDMI, Thunderbolt
HDMI ports quantity	1	Other features	
HDMI version	2.0	Picture-by-Picture (PbP)	✓
Thunderbolt 4 ports quantity	2	Samsung Eye Saver Mode	✓
Headphone out *	✓	Daisy chain	✓
HDCP	✓	Eco Saving Plus	✓
HDCP version	2.2	Eco Light Sensor	✓
Network		Image size	✓
Ethernet LAN	✓	Factory tuning	✓
Ergonomics		Adaptive picture	✓
VESA mounting *	✓	Off Timer Plus	✓
Panel mounting interface	100 x 100 mm	Auto source switch+	✓



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