SAMSUNG

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

Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Touchscreen *	✗
Display brightness (typical)	350 cd/m²
Display brightness (min)	280 cd/m²
Response time *	5 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega DCR
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut standard	sRGB
Colour gamut	99%

Performance

NVIDIA G-SYNC *	✗
AMD FreeSync *	✗
Flicker-free technology	✔
Game mode	✔

Multimedia

Built-in speaker(s) *	✔

Ergonomics

Height adjustment *	✔
Height adjustment	12 cm
Pivot	✔
Pivot angle	-2 - 92°
Swivelling	✔
Swivel angle range	-30 - 30°
Tilt adjustment	✔
Tilt angle range	-2 - 25°
Picture-in-Picture	✔

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	26 kWh
Energy consumption (HDR) per 1000 hours *	49 kWh
Power consumption (typical) *	26 W
Power consumption (standby) *	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1319907

Operational conditions

Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions

Width (with stand)	615.5 mm
Depth (with stand)	196.4 mm
Height (with stand)	551.9 mm
Weight (with stand)	7.1 kg
Width (without stand)	615.5 mm
Depth (without stand)	42.7 mm

Multimedia

Built-in camera *	✘

Design

Market positioning *	Professional
Product colour *	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB Type-A downstream ports quantity	3
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
Thunderbolt 4 ports quantity	2
Headphone out *	✔
HDCP	✔
HDCP version	2.2

Network

Ethernet LAN	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm

Weight & dimensions

Height (without stand)	368.2 mm
Weight (without stand)	5.1 kg

Packaging data

Stand type	HAS stand
Package width	686 mm
Package depth	171 mm
Package height	450 mm
Package weight	8.9 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, HDMI, Thunderbolt

Other features

Picture-by-Picture (PbP)	✔
Samsung Eye Saver Mode	✔
Daisy chain	✔
Eco Saving Plus	✔
Eco Light Sensor	✔
Image size	✔
Factory tunning	✔
Adaptive picture	✔
Off Timer Plus	✔
Auto source switch+	✔

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