SAMSUNG

Samsung S80H computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black





Brand : Samsung

Product family: ViewFinity

Product code: LS27H804EAUXEN

Product name : S80H

Samsung S80H. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. 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 *	LCD
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 Infinity DCR
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 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)
sRGB coverage (typical)	99%

Performance	
NVIDIA G-SYNC *	✗
AMD FreeSync *	✗
Flicker-free technology	✓

Multimedia	
Built-in speaker(s) *	✗
Built-in camera *	✗

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Height adjustment *	✓
Adjustable height (max)	12 cm
Pivot	✓
Pivot angle	-92 - 92°
Swivelling	✓
Swivel angle range	-45 - 45°
Tilt adjustment	✓
Tilt angle range	-3 - 25°
Picture-in-Picture	✓

Power	
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	21 kWh
Energy consumption (HDR) per 1000 hours *	39 kWh
Power consumption (typical) *	21 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

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

Weight & dimensions	
Width (with stand)	616.3 mm
Depth (with stand)	218 mm
Height (with stand)	560.2 mm
Weight (with stand)	5.1 kg
Width (without stand)	616.3 mm
Depth (without stand)	46 mm

Design	
Market positioning *	Office
Product colour *	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	3
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort out version	1.2
Headphone out *	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	2.2

Weight & dimensions	
Height (without stand)	366.5 mm
Weight (without stand)	3.7 kg

Packaging data	
Stand type	HAS stand
Package weight	7 kg

Packaging content	
Stand included	✔
Cables included	Power, USB Type-C, DisplayPort, USB Type-A to USB Type-B
Power cable length	1.5 m

Sustainability	
Sustainability certificates	TCO, EPEAT Silver

Other features	
Picture-by-Picture (PbP)	✔
Samsung Eye Saver Mode	✔
Eco Saving Plus	✔
Image size	✔
Off Timer Plus	✔
Auto source switch+	✔

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