SAMSUNG

Samsung S80HF computer monitor 68.6 cm (27") 5120 x 2880 pixels 5K Ultra HD LCD Black







Brand : Samsung

Product family: ViewFinity

Product code: LS27H802EFAXEN

Product name : S80HF

Samsung S80HF. Display diagonal: 68.6 cm (27"), Display resolution: 5120 x 2880 pixels, HD type: 5K 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 *	5120 x 2880 pixels
HD type *	5K 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
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
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut standard	sRGB
sRGB coverage (typical)	99%

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

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

Design	
Market positioning *	Home

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Wall mountable	✓
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) *	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
Power consumption (max)	190 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
Power supply type	Internal
Energy efficiency scale	A to G
Annual energy consumption	38 kWh

Operational conditions	
Operating temperature (T-T)	10 - 40 °C
Non-operating relative humidity (non-condensing)	10 - 80%

Weight & dimensions	
Width (with stand)	616.3 mm
Depth (with stand)	218 mm

Design	
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
USB Type-C downstream ports quantity	1
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	2.2

Network	
Ethernet LAN	✔

Weight & dimensions	
Height (with stand)	560.2 mm
Weight (with stand)	5.4 kg
Width (without stand)	616.3 mm
Depth (without stand)	46 mm
Height (without stand)	366.5 mm
Weight (without stand)	4 kg

Packaging data	
Package width	565 mm
Package depth	490 mm
Package height	119 mm
Package weight	7 kg

Packaging content	
Cables included	USB Type-C, Power
Power cable length	1.5 m

Other features	
Brand specific technologies	Eye Saver
Picture-by-Picture (PbP)	✔
Samsung Eye Saver Mode	✔
Image size	✔
Off Timer Plus	✔
Auto source switch+	✔
Certification	Windows11

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