

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

Brand : Samsung

Product family: ViewFinity

Product code:
LS27H804EFAXEN

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		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	5120 x 2880 pixels	Panel mounting interface	100 x 100 mm
HD type *	5K Ultra HD	Wall mountable	✓
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Adjustable height (max)	12 cm
Panel type *	IPS	Pivot	✓
Touchscreen *	✗	Pivot angle	-92 - 92°
Display brightness (typical)	350 cd/m²	Swivelling	✓
Display brightness (min)	280 cd/m²	Swivel angle range	-45 - 45°
Response time *	5 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-3 - 25°
Screen shape *	Flat	Picture-in-Picture	✓
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		Power	
NVIDIA G-SYNC *	✗	Energy efficiency class (SDR) *	F
AMD FreeSync *	✗	Energy efficiency class (HDR) *	G
Flicker-free technology	✓	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
Multimedia		Operational conditions	
Built-in speaker(s) *	✗	Operating temperature (T-T)	10 - 40 °C
Built-in camera *	✗	Non-operating relative humidity (non-condensing)	10 - 80%
Design		Weight & dimensions	
Market positioning *	Home	Width (with stand)	616.3 mm
		Depth (with stand)	218 mm

Design		Weight & dimensions	
Product colour *	Black	Height (with stand)	560.2 mm
Feet colour	Black	Weight (with stand)	5.4 kg
Ports & interfaces		Width (without stand)	616.3 mm
Built-in USB hub *	✓	Depth (without stand)	46 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Height (without stand)	366.5 mm
Number of USB Type-B upstream ports quantity	1	Weight (without stand)	4 kg
USB Type-C downstream ports quantity	1	Packaging data	
USB Power Delivery (USB PD)	✓	Package width	565 mm
USB Power Delivery up to	90 W	Package depth	490 mm
HDMI *	✓	Package height	119 mm
HDMI ports quantity	1	Package weight	7 kg
HDMI version	2.1	Packaging content	
DisplayPorts quantity	1	Cables included	DisplayPort, USB Type-C, Power
DisplayPort version	1.4	Power cable length	1.5 m
Headphone out *	✓	Other features	
Built-in KVM switch	✓	Brand specific technologies	Eye Saver
HDCP	✓	Picture-by-Picture (PbP)	✓
HDCP version	2.2	Samsung Eye Saver Mode	✓
Network		Image size	✓
Ethernet LAN	✓	Off Timer Plus	✓
		Auto source switch+	✓
		Certification	Windows11



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