

Samsung S80UD computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Samsung

Product family: ViewFinity

Product code:
LS27D800UAUXEN

Product name : S80UD

Samsung S80UD. 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		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	3840 x 2160 pixels	Height adjustment *	✓
HD type *	4K Ultra HD	Height adjustment	12 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LCD	Pivot angle	-30 - 30°
Panel type *	IPS	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-92 - 92°
Display brightness (typical)	350 cd/m ²	Tilt adjustment	✓
Display brightness (min)	280 cd/m ²	Tilt angle range	-2 - 25°
Response time *	5 ms	Picture-in-Picture	✓
Screen shape *	Flat		
Contrast ratio (typical) *	1000:1	Power	
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy efficiency class (SDR) *	F
Maximum refresh rate *	60 Hz	Energy efficiency class (HDR) *	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	25 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours *	41 kWh
Display number of colours *	1.07 billion colours	Power consumption (typical) *	25 W
Viewable size, horizontal	59.7 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	33.6 cm	Power consumption (max)	170 W
Display diagonal (metric)	68 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power supply type	Internal
sRGB coverage (typical)	99%	Energy efficiency scale	A to G
		European Product Registry for Energy Labelling (EPREL) code	1963525
Performance		Operational conditions	
Fast charging	✓	Operating temperature (T-T)	10 - 40 °C
Fast charging technology	Power Delivery	Operating relative humidity (H-H)	10 - 80%
Flicker-free technology	✓		
Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Width (with stand)	612.9 mm
Built-in camera *	✗	Depth (with stand)	220 mm
		Height (with stand)	556.6 mm
		Weight (with stand)	6.1 kg

Design		Weight & dimensions	
Market positioning *	Professional	Width (without stand)	612.9 mm
Product colour *	Black	Depth (without stand)	41.6 mm
Front bezel colour	Black	Height (without stand)	367.7 mm
Ports & interfaces		Weight (without stand)	3.7 kg
Built-in USB hub *	✓	Packaging data	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Stand type	HAS stand
USB upstream port type	USB Type-B	Package width	687 mm
Number of upstream ports	1	Package depth	510 mm
USB Type-A downstream ports quantity	2	Package height	160 mm
USB Type-C downstream ports quantity	1	Package weight	7.9 kg
USB Power Delivery (USB PD)	✓	Packaging content	
USB Power Delivery up to	90 W	Stand included	✓
HDMI *	✓	Cables included	AC, USB Type-C
HDMI ports quantity	1	Power cable length	1.5 m
HDMI version	2.0	Sustainability	
DisplayPorts quantity	1	Sustainability certificates	TCO
DisplayPort version	1.2	Other features	
Headphone out *	✓	Brand specific technologies	Eye Saver
Built-in KVM switch	✓	Picture-by-Picture (PbP)	✓
HDCP	✓	Samsung Eye Saver Mode	✓
HDCP version	2.2	Image size	✓
Charging port type	USB Type-C	Adaptive picture	✓
Network		Off Timer Plus	✓
Ethernet LAN	✓	Auto source switch+	✓
Ergonomics		Compliance certificates	TÜV mark
VESA mounting *	✓	Certification	Windows 11



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