

Samsung ViewFinity S8 S80UD, 68.6 cm (27"), 3840 x 2160 pixels, 4K Ultra HD, LED, 5 ms, Black

3840X2160 5MS 1000:1 HDMI USB-C

Group	Flat Screens
Manufacturer	Samsung
Manufacturer item no.	LS27D800UAUXEN
EAN/UPC	8806095541945



Description

Samsung ViewFinity S8 S80UD. 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 USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Main features

General	
Display diagonal	68.6 cm
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 USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
VESA mounting	Yes
Height adjustment	12 cm
Product colour	Black

Extended details

Display	
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9

Display technology	LED
Touchscreen	No
HD type	4K Ultra HD
Panel type	IPS
Display brightness (typical)	350 cd/m ²
Response time	5 ms
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	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
sRGB coverage (typical)	99 %
Ports & interfaces	
Built-in USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
USB Type-C downstream ports quantity	1
USB Power Delivery	Yes
USB Power Delivery up to	90 W
HDMI	Yes
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out	Yes
Built-in KVM switch	Yes
KVM switch ports quantity	2

HDCP	Yes
HDCP version	2.2
AC (power) in	Yes
Service port type	USB Type-A
Design	
Market positioning	Graphics design
Product colour	Black
Front bezel colour	Black
Certification	Windows 11
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Height adjustment	12 cm
Pivot	Yes
Pivot angle	-30 - 30 °
Swivelling	Yes
Swivel angle range	-92 - 92 °
Tilt adjustment	Yes
Tilt angle range	-2 - 25 °
Picture-in-Picture	Yes
Performance	
Brand specific technologies	Eye Saver
Flicker-free technology	Yes
Adaptive picture	Yes
Packaging content	
Cables included	AC, USB Type-C
Power cable length	1.5 m
Weight & dimensions	
Width (with stand)	612.9 mm
Depth (with stand)	220 mm
Height (with stand)	556.6 mm
Weight (with stand)	6.1 kg
Width (without stand)	612.9 mm
Depth (without stand)	41.6 mm
Height (without stand)	367.7 mm
Weight (without stand)	3.7 kg
Packaging data	
Package width	687 mm

Package depth	510 mm
Package height	160 mm
Package weight	7.9 kg
Power	
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	25 kWh
Energy consumption (HDR) per 1000 hours	41 kWh
Power consumption (typical)	25 W
Power consumption (standby)	0.5 W
Power consumption (max)	170 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
Power supply type	Internal
Energy efficiency scale	A to G
Network	
Ethernet LAN	Yes
Operational conditions	
Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80 %
Sustainability	
Sustainability certificates	TCO
Technical details	
Compliance certificates	TÜV mark