

Samsung LS27D800UAU computer monitor 68.6 cm (27") 3840 x 2160 pixels Quad HD Black

Brand : Samsung

Product family: ViewFinity

Product code:
LS27D800UAUXXU

Product name : LS27D800UAU



- UHD resolution reveals greater levels of detail with higher pixel density
 - See truetolife colour representation with 1 billion colours with HDR10
 - USBC and LAN Port connectivity
 27", 4K 3840 x 2160, IPS, 60 Hz, 16:9, 1x Display Port 1.2, 2 x HDMI, USB Hub 3.0, USB-C, 100-240 V, 25 W, 612.9 x 556.6 x 220 mm, 6.1 kg
 Samsung LS27D800UAU. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: Quad HD, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. Height adjustment. Product colour: Black

Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Swivelling	✓
Display resolution *	3840 x 2160 pixels	Swivel angle range	-30 - 30°
HD type *	Quad HD	Tilt adjustment	✓
Native aspect ratio *	16:9	Tilt angle range	-2 - 25°
Panel type *	IPS	Picture-in-Picture	✓
Touchscreen *	✗	Power	
Display brightness (typical)	350 cd/m ²	Energy efficiency class (SDR) *	F
Display brightness (min)	280 cd/m ²	Energy efficiency class (HDR) *	G
Response time *	5 ms	Energy consumption (SDR) per 1000 hours *	25 kWh
Screen shape *	Flat	Energy consumption (HDR) per 1000 hours *	41 kWh
Contrast ratio (typical) *	1000:1	Power consumption (typical) *	25 W
Dynamic contrast ratio marketing name	Mega Infinity DCR	Power consumption (standby) *	0.5 W
Maximum refresh rate *	60 Hz	Power consumption (max)	170 W
Viewing angle, horizontal	178°	Power consumption (average)	37 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	1.07 billion colours	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	Energy efficiency scale	A to G
Viewable size, vertical	33.6 cm	European Product Registry for Energy Labelling (EPREL) code	1963525
Display diagonal (metric)	68 cm	Operational conditions	
High Dynamic Range (HDR) supported	✓	Operating temperature (T-T)	10 - 40 °C
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Operating relative humidity (H-H)	10 - 80%
sRGB coverage (typical)	99%	Weight & dimensions	
Performance		Width (with stand)	612.9 mm
Flicker-free technology	✓	Depth (with stand)	220 mm
Design		Height (with stand)	556.6 mm
Market positioning *	Office	Weight (with stand)	6.1 kg
Product colour *	Black	Width (without stand)	612.9 mm
Front bezel colour	Black	Depth (without stand)	41.6 mm
Feet colour	Black	Height (without stand)	367.7 mm

Ports & interfaces		Weight & dimensions	
Built-in USB hub *	✓	Weight (without stand)	3.7 kg
Number of upstream ports	3	Packaging data	
Number of USB Type-C upstream ports quantity	1	Package width	687 mm
USB Power Delivery up to	90 W	Package depth	510 mm
HDMI *	✓	Package height	160 mm
HDMI ports quantity	1	Package weight	7.9 kg
HDMI version	2.0	Package type	Box
DisplayPorts quantity	1	Packaging content	
DisplayPort version	1.2	Stand included	✓
Headphone out *	✓	Cables included	USB Type-C
Headphone outputs	1	Manual	✓
Built-in KVM switch	✓	Power cable length	1.5 m
HDCP	✓	Other features	
HDCP version	2.2	Brand specific technologies	Eye Saver
Network		Picture-by-Picture (PbP)	✓
Ethernet LAN	✓	Factory tuning	Yes
Ergonomics		Adaptive picture	✓
Panel mounting interface	100 x 100 mm	Off Timer Plus	✓
Wall mountable	✓	Auto source switch+	✓
Height adjustment *	✓	Recycling data	
Height adjustment	12 cm	Post-consumer recycled plastic	10%
Pivot	✓		
Pivot angle	-92 - 92°		



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