SAMSUNG

Samsung S80UA computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Samsung

Product family: ViewFinity

Product code:
LS27A800UNPXEN

Product name : S80UA

Samsung S80UA. 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 speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black

Display	
Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
Touchscreen *	✗
Display brightness (typical)	300 cd/m²
Display brightness (min)	250 cd/m²
Response time *	5 ms
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega 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	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
sRGB coverage (typical)	99%

Performance	
Flicker-free technology	✓
Game mode	✓

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

Design	
Market positioning *	Professional
Product colour *	Black

Ergonomics	
Tilt adjustment	✓
Tilt angle range	-2 - 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 *	37 kWh
Power consumption (typical) *	26.1 W
Power consumption (standby) *	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1409545

Operational conditions	
Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions	
Width (with stand)	615.5 mm
Depth (with stand)	196.4 mm
Height (with stand)	551.9 mm
Weight (with stand)	6.8 kg
Width (without stand)	615.5 mm
Depth (without stand)	44.2 mm
Height (without stand)	368.2 mm
Weight (without stand)	4.8 kg

Packaging data	
Stand type	HAS stand
Package width	686 mm
Package depth	450 mm
Package height	171 mm

Design

Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	3
USB Power Delivery	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Height adjustment	12 cm
Pivot	✔
Pivot angle	-30 - 30°
Swivelling	✔
Swivel angle range	-2 - 92°

Packaging data

Package weight	8.6 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, HDMI, USB Type-C
Installation CD	✔
HDMI cable length	1.5 m
Power cable length	1.5 m

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, TCO

Other features

Brand specific technologies	Eye Care+
Picture-by-Picture (PbP)	✔
Samsung Eye Saver Mode	✔
Eco Saving Plus	✔
Eco Light Sensor	✔
Image size	✔
Factory tunning	✔
Adaptive picture	✔
Auto source switch	✔
Off Timer Plus	✔

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