SAMSUNG

Samsung S27FG814SU computer monitor 68.6 cm (27") 2160 x 3840 pixels 4K Ultra HD OLED Metallic

Brand : Samsung

Product family: Odyssey

Product code: LS27FG814SUXEN

Product name : S27FG814SU

Samsung S27FG814SU. Display diagonal: 68.6 cm (27"), Display resolution: 2160 x 3840 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment. Product colour: Metallic

Display	
Display diagonal *	68.6 cm (27")
Display resolution *	2160 x 3840 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	OLED
Touchscreen *	✗
Display brightness (typical)	250 cd/m²
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	1000000:1
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Display diagonal (metric)	68 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)
Colour gamut standard	DCI-P3
Colour gamut	99%

Performance	
NVIDIA G-SYNC *	✗
AMD FreeSync *	✓
AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✓
Game mode	✓
Game features	Super Arena Gaming UX, Ultrawide GameView

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

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Wall mountable	✓
Height adjustment *	✓
Adjustable height (max)	12 cm
Pivot	✓
Pivot angle	-92 - 92°
Swivelling	✓
Swivel angle range	-30 - 30°
Tilt adjustment	✓
Tilt angle range	-2 - 25°
Picture-in-Picture	✓

Power	
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	45 kWh
Energy consumption (HDR) per 1000 hours *	52 kWh
Power consumption (typical) *	45 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
Power supply type	External
Energy efficiency scale	A to G

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

Weight & dimensions	
Width (with stand)	611.7 mm
Depth (with stand)	263.5 mm
Height (with stand)	554.2 mm
Weight (with stand)	6.9 kg
Width (without stand)	611.7 mm

Design	
Market positioning *	Gaming
Product colour *	Metallic

Ports & interfaces	
Number of upstream ports	3
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	2
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort out version	1.4
HDCP	✔
HDCP version	2.2

Weight & dimensions	
Depth (without stand)	49.2 mm
Height (without stand)	353.8 mm
Weight (without stand)	3.8 kg

Packaging data	
Package width	684 mm
Package depth	464 mm
Package height	200 mm
Package weight	9.5 kg
Package type	Box

Packaging content	
Cables included	AC, DisplayPort, HDMI
Power cable length	1.5 m

Other features	
Brand specific technologies	Black Equalizer

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Catalog Object Cloud

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