

# Samsung LS49AG950NU computer monitor 124.5 cm (49") 5120 x 1440 pixels 5K Ultra HD Black

**Brand :** Samsung

**Product code:** LS49AG950NUXXU

**Product name :** LS49AG950NU

- Screen: Quantum HDR 2000  
 - Technology: Nvidia® G-Sync®  
 - Perfect for: Serious Gaming, Streaming & Productivity  
 49" 5120 x 1440 VA, 32:9, 420 cd/m2, 1 ms, USB, HDMI, Display Port, 240 Hz, HDR10+, 1000R, 1149.5 x 363.5 x 287.4 mm, 11.9 kg  
 Samsung LS49AG950NU. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: 5K Ultra HD, Response time: 1 ms, Native aspect ratio: 32:9, 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 *	124.5 cm (49")	VESA mounting *	✓
Display resolution *	5120 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	5K Ultra HD	Height adjustment *	✓
Native aspect ratio *	32:9	Height adjustment	12 cm
Panel type *	VA	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-15 - 15°
Display brightness (typical)	420 cd/m²	Tilt adjustment	✓
Response time *	1 ms	Tilt angle range	-3 - 13°
Screen shape *	Curved	Picture-in-Picture	✓
Screen curvature rating	1000R		
Contrast ratio (typical) *	1000000:1		
Dynamic contrast ratio marketing name	Mega DCR		
Maximum refresh rate *	240 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1.07 billion colours		
Display diagonal (metric)	124 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)		
Colour gamut standard	Adobe RGB		
Colour gamut	95%		
sRGB coverage (typical)	125%		
NTSC coverage (typical)	88%		
Adobe RGB coverage	92%		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	G
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	55 kWh
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (HDR) per 1000 hours *	95 kWh
Flicker-free technology	✓	Power consumption (typical) *	55 W
		Power consumption (standby) *	0.5 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		Energy efficiency scale	A to G
		European Product Registry for Energy Labelling (EPREL) code	647186
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Weight & dimensions	
		Width (with stand)	1149.5 mm
		Depth (with stand)	418.3 mm
		Height (with stand)	537.2 mm
		Weight (with stand)	14.5 kg
		Width (without stand)	1149.5 mm

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Depth (without stand)	287.4 mm
Design		Height (without stand)	363.5 mm
Market positioning *	Gaming	Weight (without stand)	11.9 kg
Product colour *	Black	Packaging data	
Ports & interfaces		Package width	1265 mm
Built-in USB hub *	✓	Package depth	481 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package height	366 mm
HDMI *	✓	Package weight	20.4 kg
HDMI ports quantity	2	Packaging content	
HDMI version	2.1	Cables included	AC
DisplayPorts quantity	1	Logistics data	
DisplayPort version	1.4	Harmonized System (HS) code	85285210



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