SAMSUNG

Samsung Odyssey LS27BG400EU computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Samsung   **Product family:** Odyssey   **Product code:**
LS27BG400EUXXU

Product name : LS27BG400EU

- 1ms response time
- Connections: HDMI, Display Port, Headphone
- Great for: Serious Gaming, productivity & Streaming
27 ", 1920 x 1080, FHD, IPS panel, 16:9, G40B, 240 Hz, HDMI 2.0, 48 W, 5300 g
Samsung Odyssey LS27BG400EU. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080
pixels, HD type: Full HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9,
Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment.
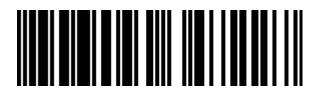Product colour: Black

Display			Ergonomics	
Display diagonal *	68.6 cm (27")		Cable lock slot *	✗
Display resolution *	1920 x 1080 pixels		Height adjustment *	✓
HD type *	Full HD		Height adjustment	12 cm
Native aspect ratio *	16:9		Pivot	✓
Display technology *	LCD		Pivot angle	-92 - 92°
Panel type *	IPS		Swivelling	✓
Touchscreen *	✗		Swivel angle range	-15 - 15°
Display brightness (typical)	400 cd/m²		Tilt adjustment	✓
Response time	1 ms		Tilt angle range	-3 - 22°
Screen shape *	Flat		**Power**	
Contrast ratio (typical) *	1000:1		Energy efficiency class (SDR) *	E
Dynamic contrast ratio marketing name	Mega Infinity DCR		Energy efficiency class (HDR) *	G
Maximum refresh rate *	240 Hz		Energy consumption (SDR) per 1000 hours *	21 kWh
Viewing angle, horizontal	178°		Energy consumption (HDR) per 1000 hours *	45 kWh
Viewing angle, vertical	178°		Power consumption (typical) *	21 W
Display number of colours *	16.7 million colours		Power consumption (standby) *	0.5 W
Viewable size, horizontal	59.7 cm		Power consumption (max)	48 W
Viewable size, vertical	33.6 cm		Power consumption (average)	31 W
High Dynamic Range (HDR) supported	✓		Power consumption (off)	0.3 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)		AC input voltage	100 - 240 V
sRGB coverage (typical)	99%		Power supply type	External
Performance			**Operational conditions**	
NVIDIA G-SYNC *	✓		Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC type	G-SYNC Compatible		Operating relative humidity (H-H)	10 - 80%
AMD FreeSync *	✓		**Packaging content**	
AMD FreeSync type	FreeSync Premium		Stand included	✓
Fast charging	✗		Cables included	HDMI
Flicker-free technology	✓		HDMI cable length	1.5 m
Low input lag	✓		**Weight & dimensions**	
Dial point	✓		Width (with stand)	614.7 mm
Smart modes	Cinema, Custom, RPG, Sports		Depth (with stand)	244.8 mm
Multimedia			Height (with stand)	571.1 mm

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm

Weight & dimensions

Weight (with stand)	5.3 kg
Width (without stand)	614.7 mm
Depth (without stand)	85.4 mm
Height (without stand)	376.6 mm
Weight (without stand)	3.6 kg

Packaging data

Package width	685 mm
Package depth	469 mm
Package height	168 mm
Package weight	7 kg

Sustainability

European Product Registry for Energy Labelling (EPREL) code	1190680

Logistics data

Harmonized System (HS) code	85285210

Technical details

Warranty period	3 year(s)

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