Samsung 32" Odyssey G50D QHD 180Hz Gaming Monitor

Brand : Samsung   **Product family:** Odyssey   **Product code:**
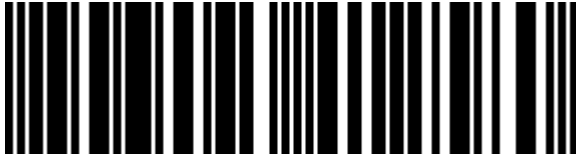LS32DG502EUXXU

Product name : 32" Odyssey
G50D QHD 180Hz Gaming
Monitor

- Your gaming world, more lifelike than ever before with QHD resolution & Fast IPS panel
- DisplayHDR 400 delivers more contrast, with deeper blacks and brighter whites
- React in real time with 180Hz refresh rate & 1ms response time(GtG)
32" QHD (2560 x 1440), 350 cd/m², 1000:1, 1 ms 180 Hz, DisplayHDR 400, HDR10+, DP, HDMI, 714.2 x
581.9 x 263.5 mm
Samsung 32" Odyssey G50D QHD 180Hz Gaming Monitor. Display diagonal: 81.3 cm (32"), Display
resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, 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

Display diagonal *	81.3 cm (32")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
LED backlight *	✔
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Display brightness (min)	280 cd/m²
Response time *	1 ms
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	180 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Viewable size, horizontal	69.8 cm
Viewable size, vertical	39.3 cm
Display diagonal (metric)	80 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400
sRGB coverage (typical)	99%

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
Flicker-free technology	✔

Multimedia

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

Ergonomics

Height adjustment *	✔
Height adjustment	12 cm
Pivot	✔
Pivot angle	-92 - 92°
Swivelling	✔
Swivel angle range	-30 - 30°
Tilt adjustment	✔
Tilt angle range	-2 - 25°
On Screen Display (OSD)	✔
Plug and Play	✔
Black eQualizer function	✔

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	32 kWh
Energy consumption (HDR) per 1000 hours *	53 kWh
Power consumption (typical) *	32 W
Power consumption (standby) *	0.5 W
Power consumption (max)	59 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC adapter output voltage	19 V
Power supply type	External
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1908315

Operational conditions

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

Weight & dimensions

Width (with stand)	714.2 mm
Depth (with stand)	263.5 mm
Height (with stand)	581.9 mm

Design

Market positioning *	Gaming
Product colour *	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	✔
HDCP version	2.2
DC-in jack	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm

Weight & dimensions

Weight (with stand)	7.4 kg
Width (without stand)	714.2 mm
Depth (without stand)	70 mm
Height (without stand)	418.4 mm
Weight (without stand)	4.4 kg

Packaging data

Package width	798 mm
Package depth	519 mm
Package height	166 mm
Package weight	9.7 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, DisplayPort

Other features

Samsung Eye Saver Mode	✔

8806095412580