

All About Gaming

Inspired by the rigorous quality testing in the production of the MSI G series, the MSI Optix G series' design is full of symbols of sturdiness and durability. Additionally, to provide a quality user experience, the G series has a really simple installation process and a friendly user interface and will be the best choice for entry-level gamers to step into the game world.



Picture and logos

SELLING POINTS

- IPS Panel - Optimize screen colors and brightness to enhance your viewing experience.
- WQHD High Resolution - Games will look even better, displaying more details.
- 170Hz Refresh Rate - Respond faster with smoother frames.
- 1ms Response Time - Eliminate screen tearing and choppy frame rates.
- Wide Color Gamut - Game colors and details will look more realistic and refined.
- Night Vision - Smart black tuner to brighten your day by bringing out the fine details in dark areas.
- NVIDIA G-SYNC Compatible - Prevent screen tearing or stuttering, producing ultra-smooth lag-free gameplay.
- Console Mode - 2K Resolution PS5™ Optimization with VRR supported.
- Frameless design - Enjoy the ultimate gaming experience with super narrow bezels.
- Anti-Flicker and Less Blue Light - Game even longer and prevent eye strain and fatigue.
- 178° Wide Viewing Angle - Colors and details will stay sharp at more angles with a 178° wide viewing angle.



1. 5-way Joystick Navigator
2. Display Port (1.2a)
3. 2x HDMI™ (2.0b)
4. Earphone out
5. DC jack

SPECIFICATION

Barcode Info	EAN	4711377109017
	UPC	824142328255
	UCC14	10824142328252
Model	Part No	9S6-3DB91A-037
	MKT Name	G321Q
	MKT Spec	G321Q
	Color	ID1/Black-Black
Display	Screen Size	31.5" (80 cm)
	Active Display Area (mm)	698.112(H) × 392.688(V) mm
	Curvature	Flat
	Panel Type	IPS
	Resolution	2560x1440 (WQHD)
	Aspect Ratio	16:9
	Dynamic Refresh Rate technology	G-SYNC Compatible
	HDR (High dynamic range)	HDR ready
	SDR Brightness (nits)	300
	Contrast Ratio	1200:1
	DCR (Dynamic Contrast Ratio)	100000000:1
	Signal Frequency	72.6~245.5 KHz(H) / 48~170 Hz(V)
	Refresh Rate	170Hz
	Response Time (MPRT)	1ms(MPRT)
	View Angles	178°(H)/178°(V)
	Surface Treatment	Anti-glare
	NTSC (CIE1976 area percentage/overlap)	108%/84%
	NTSC (CIE1931 area percentage/overlap)	85%/78%
	sRGB (CIE1976 area percentage/overlap)	123%/99%
	sRGB (CIE1931 area percentage/overlap)	121%/100%
	Adobe RGB (CIE1976 area percentage/overlap)	106%/90%
	Adobe RGB (CIE1931 area percentage/overlap)	89%/82%
	DCI-P3 (CIE1976 area percentage/overlap)	98%/93%
	DCI-P3 (CIE1931 area percentage/overlap)	89%/88%
	Rec.709 (CIE1976 area percentage/overlap)	123%/99%
	Rec.709 (CIE1931 area percentage/overlap)	121%/100%
	Rec.2020 (CIE1976 area percentage/overlap)	71%/71%
	Rec.2020 (CIE1931 area percentage/overlap)	64%/64%
	Display Colors	1.07B
	Color bit	10 bits (8 bits + FRC)
	Note_DP	2560 x 1440 (Up to 170Hz)
	Note_HDMI™	2560x1440 (Up to 144Hz)
Note_DVI	N/A	
I/O Ports	HDMI™	2
	HDMI™ version	2.0b
	HDMI™ HDCP version	2.3
	DisplayPort	1
	DisplayPort version	1.2a
	DisplayPort HDCP version	2.3
	Headphone-out	1
Lock type	Kensington Lock	
Power	Annual Energy Consumption (KWh)	N/A
	Power Type	External Adaptor 19V 3.42A
	Power Input	100~240V, 50/60Hz
	Energy Efficiency Rating	G
	Adapter's KC safety Number	N/A
	Power Cord Type	C5
	QC Output Power	N/A
PD Output Power	N/A	

In The Box	3.5mm Mic Cable	0
	Switch Case	0
	Portable Screen Protection Case	0
	Monitor Hood	0
	Speaker (Accessories)	0
	DisplayPort Cable	1
	HDMI™ Cable	0
	DVI Cable	0
	USB Type A to Type B Cable	0
	USB Type C to Type A Cable	0
	USB Type C to Type C Cable	0
	Thunderbolt Cable	0
	VGA Cable	0
	3.5mm audio Cable	0
	3.5mm combo audio Cable	0
	Mouse Bungee Unit	0
	VESA Screw	4
	Power Cord	1
	AC Adaptor	1
	Warranty Card	0
Quick Guide	1	
Design	Adjustment (Tilt)	-5° ~ 20°
	VESA Mounting	100x100mm
	Frameless Design	Yes
Outer Carton Dimension (WxDxH)	Outer Carton Dimension (WxDxH) (inch)	38.19 x 6.38 x 20.87
Product Dimension with Stand (WxDxH)	Product Dimension with Stand (WxDxH) (mm)	716.2 x 249.5 x 503.4
	Product Dimension with Stand (WxDxH) (inch)	28.2 x 9.82 x 19.82
Product Dimension without Stand (WxDxH)	Product Dimension without Stand (WxDxH) (mm)	716.2 x 61 x 428.5
	Product Dimension without Stand (WxDxH) (inch)	28.2 x 2.4 x 16.87
Stand Dimension (WxDxH)	Stand Dimension (WxDxH) (mm)	519.9 x 249.5 x 267.5
	Stand Dimension (WxDxH) (inch)	20.47 x 9.82 x 10.53
Dimension & Weight	Inside Carton Dimension (WxDxH) (inch)	37.4 x 5.75 x 20.08
	Weight (Net kg)	6.8
	Weight (Gross kg)	8.8
Weight	Weight Without Stand (kg)	5.8
Warranty	Warranty	12M