

## All About Gaming

Inspired by the rigorous quality testing in the production of MSI Optix G series, MSI Optix G series' design is full of symbols of sturdiness and durability. Additionally, to provide quality user experience, Optix G series has 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.



## Selling Points

- Esports gaming monitor tailored for professional eSports tournament.
- 165Hz Refresh Rate - Respond faster with smoother frames.
- 1ms Response Time - Eliminate screen tearing and choppy frame rates.
- Night Vision - Smart black tuner to brighten your day by bringing out the fine details in dark areas.
- Wide Color Gamut - Game colors and details will look more realistic and refined.
- 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.



Picture and logos



1. 5-way joystick navigator
2. DC Jack
3. 2x HDMI (1.4b)
4. 1x Display Port (1.2a)
5. Earphone out
6. Kensington lock

## Specification

<b>Color</b>	ID1/Black-Black
<b>Screen Size</b>	23.8" (60cm)
<b>Active Display Area (mm)</b>	525.89 (H) x 295.81 (V)
<b>Curvature</b>	Flat
<b>Panel Type</b>	VA
<b>Resolution</b>	1920x1080 (FHD)
<b>Aspect Ratio</b>	16:9
<b>Dynamic Refresh Rate technology</b>	FreeSync Premium
<b>HDR (High dynamic range)</b>	NA
<b>SDR Brightness (nits)</b>	350
<b>HDR Brightness (Peak nits)</b>	NA
<b>Contrast Ratio</b>	3000:1
<b>DCR (Dynamic Contrast Ratio)</b>	100000000:1
<b>Signal Frequency</b>	96.4~186.7 KHz(H) / 48~165 Hz(V)
<b>Refresh Rate</b>	165HZ
<b>Response Time (MPRT)</b>	1ms(MPRT)
<b>Response Time (GTG)</b>	4ms
<b>Response Time (Tr + Tf)</b>	TBD
<b>View Angles</b>	178°(H)/178°(V)
<b>NTSC (CIE1976 area percentageoverlap)</b>	100.4% / 85.4%
<b>NTSC (CIE1931 area percentageoverlap)</b>	85.54% / 79.7%
<b>sRGB (CIE1976 area percentageoverlap)</b>	115.2% / 98.4%
<b>sRGB (CIE1931 area percentageoverlap)</b>	120.77% / 99.6%
<b>Adobe RGB (CIE1976 area percentageoverlap)</b>	98.7% / 88.8%
<b>Adobe RGB (CIE1931 area percentageoverlap)</b>	89.51% 82.7%
<b>DCI-P3 (CIE1976 area percentageoverlap)</b>	91.7% / 91.1%
<b>DCI-P3 (CIE1931 area percentageoverlap)</b>	89.03% / 88.6%
<b>Rec.709 (CIE1976 area percentageoverlap)</b>	115.2% / 98.4%
<b>Rec.709 (CIE1931 area percentageoverlap)</b>	120.77% / 99.6%
<b>Rec.2020 (CIE1976 area percentageoverlap)</b>	N/A
<b>Rec.2020 (CIE1931 area percentageoverlap)</b>	N/A
<b>Surface Treatment</b>	Anti-glare
<b>Display Colors</b>	16.7M
<b>Color bit</b>	8 bits (6 bits + FRC)
<b>Note_DP</b>	1920 x 1080 (Up to 165Hz)
<b>Note_HDMI</b>	1920 x 1080 (up to 144Hz)
<b>Note_DVI</b>	N/A
<b>HDMI</b>	2
<b>HDMI version</b>	1.4b
<b>HDMI HDCP version</b>	1.4
<b>DisplayPort</b>	1
<b>DisplayPort version</b>	1.2a
<b>DisplayPort HDCP version</b>	1.3
<b>Thunderbolt version</b>	NA
<b>Thunderbolt HDCP version</b>	NA
<b>USB Type C (DisplayPort Alternate)</b>	NA
<b>DVI</b>	NA
<b>D-Sub</b>	NA
<b>Mic-in</b>	NA
<b>Mic-in upstream</b>	N/A
<b>Headphone-out</b>	1
<b>Audio Combo</b>	NA
<b>USB 2.0 Type B</b>	NA
<b>USB 3.2 Gen 1 Type B</b>	NA
<b>Lock type</b>	Kensington Lock
<b>Speaker</b>	N/A
<b>Power Type</b>	External Adaptor 20V 2.25A
<b>Power Input</b>	100~240V, 50/60Hz
<b>Adapter's KC safety Number</b>	N/A
<b>Power Cord Type</b>	C5
<b>QC Output</b>	NA
<b>QC Output Power</b>	NA
<b>PD Output</b>	NA



MONITOR  
**Optix G243**  
OPTIX G243

<b>PD Output Power</b>	NA
<b>Adjustment (Tilt)</b>	-5° ~ 20°
<b>Adjustment (Swivel)</b>	NA
<b>Adjustment (Height)</b>	NA
<b>Adjustment (Pivot)</b>	NA
<b>VESA Mounting</b>	100x100mm
<b>Frameless Design</b>	Yes
<b>Outer Carton Dimension (WxDxH) (mm)</b>	621 x 187 x 434
<b>Outer Carton Dimension (WxDxH) (inch)</b>	24.45 x 7.36 x 17.09
<b>Product Dimension with Stand (WxDxH) (mm)</b>	540.24 x 228.24 x 412.67
<b>Product Dimension with Stand (WxDxH) (inch)</b>	21.27 x 8.99 x 16.25
<b>Product Dimension without Stand (WxDxH) (mm)</b>	540.24 x 57.1 x 328.16
<b>Product Dimension without Stand (WxDxH) (inch)</b>	21.27 x 2.25 x 12.92
<b>Thunderbolt</b>	NA
<b>USB 2.0 Type A</b>	NA
<b>USB 2.0 Type C</b>	NA
<b>USB 3.2 Gen 1 Type A</b>	NA
<b>USB 3.2 Gen 1 Type C</b>	NA
<b>USB 3.2 Gen 2x2 Type C</b>	NA
<b>USB 3.2 Gen 2x2 Type A</b>	NA
<b>Card Reader</b>	NA
<b>Stand Dimension (WxDxH) (mm)</b>	474.0 x 228.24 x 267.29
<b>Stand Dimension (WxDxH) (inch)</b>	18.66 x 8.99 x 10.52
<b>WebCam</b>	N/A
<b>Weight Without Stand (kg)</b>	N/A
<b>Inside Carton Dimension (WxDxH) (mm)</b>	606 x 172 x 409
<b>Inside Carton Dimension (WxDxH) (inch)</b>	23.86 x 6.77 x 16.1
<b>Weight (Net kg)</b>	3.5
<b>Weight (Gross kg)</b>	5.1
<b>DisplayPort Cable</b>	1
<b>HDMI Cable</b>	0
<b>DVI Cable</b>	0
<b>USB Type A to Type B Cable</b>	0
<b>USB Type C to Type A Cable</b>	0
<b>USB Type C to Type C Cable</b>	0
<b>Thunderbolt Cable</b>	0
<b>VGA Cable</b>	0
<b>3.5mm audio Cable</b>	0
<b>3.5mm combo audio Cable</b>	0
<b>Mouse Bungee Unit</b>	N/A
<b>VESA Screw</b>	N/A
<b>Warranty</b>	12M
<b>Power Cord</b>	1
<b>AC Adaptor</b>	1
<b>Quick Guide</b>	1
<b>Warranty Card</b>	1
<b>EAN</b>	4719072884697