

MAG Series

OLED Monitor

MAG 272QP QD-OLED X50 (3CD7)

User Guide

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Revision

V1.0, 2025/05

Getting Started

This chapter provides you with the information on hardware setup procedures. While connecting devices, be careful in holding the devices and use a grounded wrist strap to avoid static electricity.

Package Contents

Monitor	MAG 272QP QD-OLED X50	
Documentation	Quick Start Guide	
	Stand	
A	Stand Base with Screw(s)	
Accessories	Screw(s) for Wall Mount Bracket(s)	
	Power Cord	
Cables	Ultra High Speed HDMI™ Cable (Optional)	
Caples	DisplayPort Cable (Optional)	

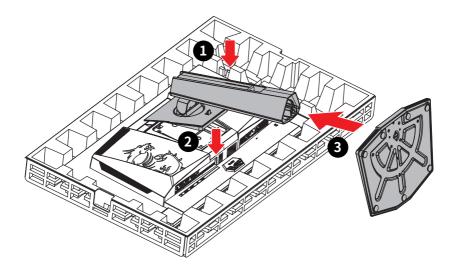


/ Important

- Contact your place of purchase or local distributor if any of the items is damaged or missing.
- Package contents may vary by country.
- The included power cord is exclusively for this monitor and should not be used with other products.

Installing the Monitor Stand

- 1. Leave the monitor in its protective packaging. Align the stand to the monitor groove.
- 2. Push the stand towards the monitor groove until it locks in place.
- 3. Connect the base to the stand and tighten the base screws to secure the base.
- 4. Make sure the stand assembly is properly installed before setting the monitor upright.



⚠

Important

- Place the monitor on a soft, protected surface to avoid scratching the display panel.
- Do not use any sharp objects on the panel.
- The groove for installing the stand bracket can also be used for wall mount. Please contact your dealer for proper wall mount kit.

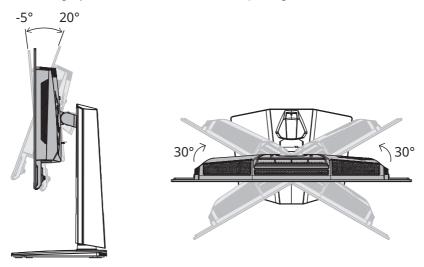
Adjusting the Monitor

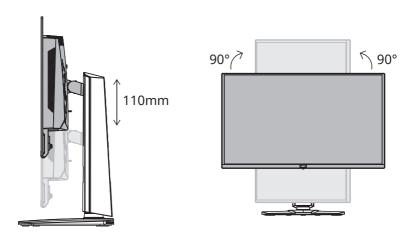
This monitor is designed to maximize your viewing comfort with its adjustment capabilities.



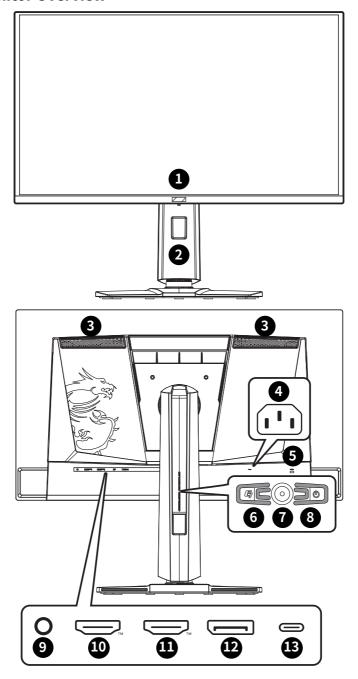
Important

- Avoid touching the display panel when adjusting the monitor.
- Please slightly tilt the monitor backwards before pivoting it.





Monitor Overview



1 Power LED

Lit in white after the monitor is turned on. If no signal input, the LED will turn into orange. Lit in orange when the monitor is in Stand-by mode.

2 Cable Routing Hole

3 Ventilator

The ventilator on the enclosure is used for air convection and to prevent the equipment from overheating. Do not cover the ventilator. Please remove the protective film.

4 Power Jack

5 Kensington Lock

6 G Key

To activate OSD Application.

Navi Key

8 Power Button

9 Headphone Jack

HDMI™ Connector HDMI™

Supports HDMI[™] CEC, 2560x1440@500Hz as specified in HDMI[™] 2.1.

Important

To ensure optimal performance and compatibility, please use only HDMI™ cables certified with the official HDMI™ logo when connecting this monitor. For more information, please visit https://www.hdmi.org/resource/cables.

1 HDMI[™] Connector **H** □ **I** T M

Supports 2560x1440@500Hz as specified in HDMI[™] 2.1.

Important

To ensure optimal performance and compatibility, please use only HDMI™ cables certified with the official HDMI™ logo when connecting this monitor. For more information, please visit https://www.hdmi.org/resource/cables.

DisplayPort
Supports 2560x1440@500Hz as specified in DisplayPort 1.4a.



USB Type-C Port

This port supports DisplayPort Alternate (DP Alt) Mode and up to 5V/3A (15W) power delivery. It only carries video signals and doesn't support data transmission function.

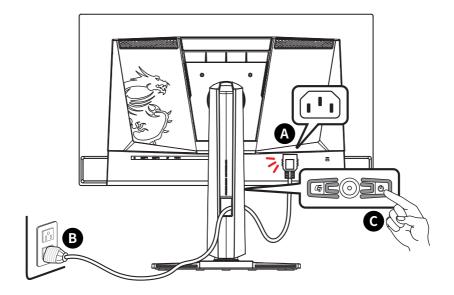


/ Important

Your USB-C signal source and cable must support DisplayPort Alternate Mode to enable video output to the monitor.

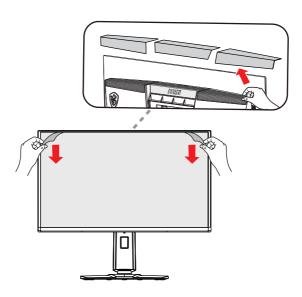
Connecting the Monitor to PC

- 1. Turn off your computer.
- 2. Connect the video cable from the monitor to your computer.
- 3. Connect the power cord to the monitor power jack. (Figure A)
- 4. Plug the power cord into the electrical outlet. (Figure B)
- 5. Turn on the monitor. (Figure C)
- 6. Power on the computer and the monitor will auto detect the signal source.





Please remove the protective films from the display panel and ventilation ports before use to optimize performance and prevent overheating.



OSD Setup

This chapter provides you with essential information on OSD Setup.



All information is subject to change without prior notice.

Navi Key

The monitor comes with a Navi Key, a multi-directional control that helps navigate the On-Screen Display (OSD) menu.



Up/Down/Left/Right:

- selecting function menus and items
- adjusting function values
- entering into/exiting from function menus

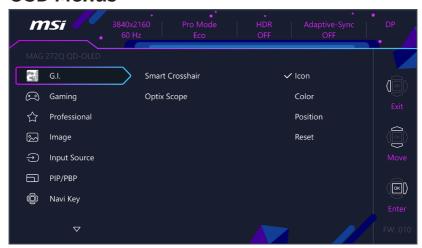
Press (OK):

- launching the On-Screen Display (OSD)
- entering submenus
- confirming a selection or setting

Hot Key

- Users may enter into preset function menus by moving the Navi Key up, down, left or right when the OSD menu is inactive.
- Users may customize their own Hot Keys to enter into different function menus.

OSD Menus





The following settings will be grayed out when HDR signals are received:

- Night Vision
- Low Blue Light
- Brightness
- Contrast
- Color Temperature
- Optix Scope

- PIP/PBP
- Al Vision
- sRGB
- Display P3
- Adobe RGB

G.I.

1st Level Menu	2nd/3rd Leve	el Menu	Description	
Smart Crosshair	Icon	None	Through AI algorithm, the visibility of in-gam	
		[+] 	Users can select the corosshair.	
	Color	White		
		Red		
		Auto		
	Position			
	Reset			
Optix Scope	Scope Size	Small	The center point will z	
		Medium		r can adjust the details ize" and "Scope Ratio"
		Large	settings.	
	Scope Ratio	x1.5	 Smart Crosshair and Cenabled at the same t 	
		x2	Activating Optix Scope	e will affect:
		х3	Affected Function	Function Status
	OFF		» Adaptive-Sync	0.11.055
	ON		¦ N PIP/PBP N HDMI™VRR	Set to OFF
			» Screen Size 1:1	Set to Auto

Gaming

1st Level Menu	2nd/3rd Level Menu	Description
Game Mode	Premium Color	Use Up or Down Button to select and preview
	User	mode effects. • Press the OK Button to confirm and apply your
	FPS	mode type.
	Racing	
	RTS	
	RPG	

1st Level Menu	2nd/3rd Le	evel Menu	Description	
Night Vision	OFF			es background brightness
	Normal		and is recommended for FPS games.	
	Strong			
	Strongest			
	A.I.			
Al Vision	OFF			age quality by optimizing
	ON		the contrast of image brightness.	s and background
			Activating Al Vision with	ill affect:
			Affected Function	Function Status
			» Night Vision	Unable to select
MPRT	OFF		This function only wo 360, 480, 500Hz.	rks at the 2560x1440 @240,
	ON		Activating MPRT will a	affect:
			Affected Function	Function Status
			» Adaptive-Sync	Set to OFF
Refresh Rate	Location	Left Top	Location is adjustable in OSD Menu. Pres	
		Right Top	OK Button to confirm and apply your Refresh Rate Location.	
		Left Bottom	This monitor follows and works at the Operat System's preset Screen Refresh Rate.	
		Right Bottom		en Retresh Rate.
		Customize		
	OFF			
	ON			
Alarm Clock	Location	Left Top	After setting the time,	press the OK Button to
		Right Top	activate the timer.	ly restore their preset
		Left Bottom	 Users have to manually restore their Alarm Clock after any AC power loss a 	
		Right Bottom	reconnection.	
		Customize		
	OFF			
	15:00	00:01 ~ 99:59		
	30:00			
	45:00			
	60:00			

1st Level Menu	2nd/3rd Level Menu	Description	
Adaptive-Sync	OFF ON	Adaptive-Sync prevent Activating Adaptive-Sy	· ·
		Affected Function » MPRT » HDMI™ VRR	Function Status
		» PIP/PBP » Screen Size 1:1 » Optix Scope	Set to OFF
HDMI™ VRR	OFF ON	This function is design consoles or NVIDIA-po HDMI™ VRR for fluid vi performance. Activating HDMI™ VRR	wered PCs that support suals and responsive
		Affected Function	Function Status
		» MPRT » Adaptive-Sync » PIP/PBP » Screen Size » Optix Scope	Set to OFF
DSC	OFF ON	Users can toggle DSC (Compression) on/off. For more DSC timing in Preset Display Modes tables. Activating DSC will affer.	nformation, please check for DSC On/Off timing
		Affected Function	Function Status
		» PIP/PBP » Screen Size 16:10	Unable to select
HDMI™ 2.1	Console PC	The Console mode off with more console dev	ers broader compatibility vices.

Professional

1st Level Menu	2nd Level Menu	Description		
Pro Mode	Eco	Use Up or Down Button to select and preview mode		
	User	effects.	o confirm and apply your mode	
	Anti-Blue	type.	commin and apply your mode	
	Movie		co" mode meets the requirements .ow Blue Light" standard.	
	Office		e RGB, and Display P3 will affect:	
	sRGB	Affected Function	Function Status	
	Adobe RGB	» Color Temperature		
	Display P3	» Low Blue Light Unable to select » Contrast	Unable to select	
Low Blue Light	OFF	Low Blue Light protects your eyes against blue light When enabled, Low Blue Light adjusts the screen co temperature to a more yellow glow. When Pro Mode is set to Anti-Blue, it is mandatory to enable Low Blue Light.		
	ON			
			Blue Light monitor which will t emitted without adjusting the	
Image Enhancement	OFF		enhances image edges to improve	
	Weak	their acutance.		
	Medium			
	Strong			
	Strongest			

Image

1st Level Menu	2nd/3rd Level Menu		Description
Brightness	0-100		Properly adjust Brightness according to the surrounding lighting.
Contrast	0-100		Properly adjust Contrast to relax your eyes.
Sharpness	0-5		Sharpness improves clarity and details of images.
Color Temperature	Cool		Use Up or Down Button to select and preview mode effects.
	Normal		Press the OK Button to confirm and apply your
	Warm		mode type.
	Customization R (0-100)		Users can adjust Color Temperature in Customization mode.
		G (0-100)	editornization mode.
		B (0-100)	

1st Level Menu	2nd/3rd Level Menu	Description
Screen Size	Auto	Users can adjust Screen Size in any mode, any
	4:3	resolution and any screen refresh rate.
	16:9	Activating Screen Size 1:1 will affect:
	16:10	Affected Function Function Status
	1:1	» Adaptive-Sync Set to OFF » Optix Scope
	» PIP/PBP » HDMI™ VRR Importan Screen Size 1:1 ra at its original res	» PIP/PBP
		Important Important
		Screen Size 1:1 refers to displaying content at its original resolution. This option is disabled when the monitor is set to its native resolution.
DisplayHDR	True Black 500	Users can set the DisplayHDR to True Black 500,
	Peak 1000 nits	Peak 1000 nits, or EOTF Boost.
	EOTF Boost	

Input Source

1st Level Menu	2nd Level Menu	Description
HDMI™ 1		Users can adjust Input Source in any mode.
HDMI™ 2		
DP		
Type C		
Auto Scan	OFF	Users can use the Navi Key to select Input Source at
	ON	 below status: While "Auto Scan" is set to "OFF" with the monitor at power saving mode; While "No Signal" message box is shown on the monitor.

PIP/PBP

1st Level Menu	2nd/3rd Le	vel Menu	Description	
OFF			PIP (Picture in Picture)	,
PIP	Source	HDMI™ 1	simultaneously display multiple video sou on one screen. One program is displayed o	
		HDMI™ 2	the full screen at the	same time as one or more displayed in inset windows.
		DP	1 0	re) is a similar feature that
		Type C	displays two input so screen.	ources side-by-side on the
	PIP Size	Small	Display Switch allow	s users to switch between
		Medium	primary and seconda	
		Large	If there is only one significant Switch and Audio Sw	ritch will be grayed out.
	Location	Left Top	 Users can adjust the switching mode 1/2. 	ratio of window division by
		Right Top	Activating PIP will aff	
		Left Bottom	Affected Function	Function Status
		Right Bottom	» Adaptive-Sync	Set to OFF
		Customize	» Optix Scope	Set to OFF
	Display Swit		» Screen Size 1:1/ 16:10	Set to Auto & unable to select
	Audio Switc	h	» Screen Size 24.5"	Set to Auto & unable to
PBP	Mode 1			Set to OFF & unable to
	Mode 2		» HDMI™ CEC	select
	Customize		» DisplayHDR	
	Source 1	HDMI™ 1	N DSC N HDMI™ 2.1	Unable to select
		HDMI™ 2	- » HDMI 2.1	
		DP	Activating PBP will at	ffect:
		Type C	Affected Function	Function Status
	Source 2	HDMI™ 1	» Adaptive-Sync » Optix Scope	Set to OFF
		HDMI™ 2	» Screen Size	Set to Auto & unable to
		DP	1:1/16:10/24.5"	select
		Туре С	» HDMI™ CEC	Set to OFF & unable to select
	Display Switch		» DisplayHDR	
	Audio Switch		» DSC	Unable to select
			» HDMI™ 2.1	

Navi Key

1st Level Menu	2nd Level Menu	Description
Up	OFF	All Navi Key items can be adjusted via OSD Menus.
Down	Brightness	
Left Right	Game Mode	
G Key	Smart Crosshair	
	Alarm Clock	
	Input Source	
	PIP/PBP Mode	
	Refresh Rate	
	Info. On Screen	
	Night Vision	
	Optix Scope	

Settings

1st Level Menu	2nd Level Menu	Description
Language	繁體中文	Users have to press the OK Button to confirm
	English	and apply the Language setting. • Language is an independent setting. Users'
	Français	own language setting will override the factory
	Deutsch	default. When users set Reset to Yes, Language will not be changed.
	Italiano	
	Español	
	한국어	
	日本語	
	Русский	
	Português	
	简体中文	
	Bahasa Indonesia	
	Türkçe	
	(More languages coming soon)	
Transparency	0~5	Users can adjust Transparency in any mode.
OSD Time Out	5~30s	Users can adjust OSD Time Out in any mode.
Power Button	OFF	When set to OFF, users can press the power button to turn off the monitor.
	Standby	When set to Standby, users can press the power button to turn off the panel and backlight.

1st Level Menu	2nd Level Menu	Description	
Info. On Screen	OFF	The information of the monitor status will be	
	ON	shown on the right side of the screen.	
HDMI™ CEC	OFF	HDMI™ CEC (Consumer Electronics Control) HDMI™ CEC (Consumer Electronics Control)	
	ON	supports Sony PlayStation®, Nintendo® Switch™, Xbox Series X S consoles and various audio-visual devices that are CEC-capable.	
		If HDMI™ CEC is set to ON:	
		 The monitor will automatically power on when the CEC device is turned on. 	
		The CEC device will enter power saving mode when the monitor is turned off.	
		 When Sony PlayStation®, Nintendo® Switch™, or Xbox Series X S console is connected, Game Mode and Pro Mode will be automatically set to default modes and can be adjusted to users' preferred modes later. 	
Type C PD Charge	OFF	This function enables users to charge their	
	ON	 devices through a USB Type-C connector. Type C PD Charge enables users to charge their devices through a USB Type-C connector, which can deliver up to 15W (5V/3A). 	
Power LED	OFF	Users can toggle the Power LED on/off.	
	ON	During the Panel Protect process, the power LED indicator will blink orange until the process is complete.	
Reset	YES	Users can Reset and restore settings to original	
	NO	OSD Default in any mode.	

MSI OLED Care

1st Level Menu	2nd/3rd Level Menu	Description
Pixel Shift	Slow	Pixel Shift moves the pixels of your screen at
	Normal	regular intervals to reduce the possibility of screen burn-in or image retention.
	Fast	
Panel Protect		To maintain panel image quality, panel protect function will automatically activate when monitor using over 4 hours.
		This protect function may take several minutes to complete.
		The power indicator will blink orange color until process done.
		During process executing, please do not unplug the power cord from monitor.
		During process executing, press power button again to cancel this function.

1st Level Menu	2nd/3rd Leve	el Menu	Description		
Protect Notice	Auto Usage 24 hrs		When set to Auto, Protect Notice will pop up when the panel exceeds 4 hours of cumulative usage. When set to Usage 24 hrs, Protect Notice will pop up when the panel exceeds 24 hours of cumulative usage. When Panel Protect is interrupted, Protect Notice will pop up upon next power-up.		
Static Screen	OFF		If Static Screen Detection is set to ON:		
Detection	ON		When detecting static visuals over long periods of time, the monitor reduces brightness to prevent screen burn-in. Once detecting moving visuals, the monitor restores its previous brightness setting.		
	Starting in	50 Sec	Starting in detects the time a static image		
		100 Sec	remains on the screen.		
	Time	120 Sec	Time required specifies the time for brightness		
	required	240 Sec	reduction after detecting a static image for 50/100 seconds. The brightness reduction level depends on the setting of Reducing Level.		
	Reducing	1-7	Users can select a level for brightness reduction.		
	Level		Reducing effect depends on "Brightness" or "DisplayHDR" setting.		
Multi Logo	OFF		This function helps prevent image sticking		
Detection	ON		phenomenon. When set to ON, brightness reduction of multi logo areas will kick in if logos are detected.		
	Reducing Level	1-4	Users can select a level for brightness reduction. 1:10% redcution 2:20% reduction Reducing effect depends on Brightness/DisplayHDR setting.		
Taskbar Detection	OFF		This function helps prevent image sticking		
	ON		phenomenon. When set to ON, brightness reduction of taskbar areas will kick in if taskbars are detected.		
	Reducing 1-4 Level		Users can select a level for brightness reductio 1:10% redcution 2:15% reduction 3:20% reduction Reducing effect depends on Brightness/DisplayHDR setting.		

1st Level Menu	2nd/3rd Leve	el Menu	Description
Boundary Detection OFF ON			This function helps prevent image sticking phenomenon. When set to ON, brightness reduction of boundary areas will kick in if boundaries, such as letters & pillars, are detected.
	Reducing Level	1-4	Users can select a level for brightness reduction. 1:10% reduction 2:15% reduction 3:20% reduction Reducing effect depends on Brightness/DisplayHDR setting.
V-Split Detection	OFF ON		This function helps prevent image sticking phenomenon. When set to ON, brightness reduction along vertical boundaries during multitasking or split-screen gaming will kick in.
	Reducing Level	1-4	Users can select a level for brightness reduction. Reducing effect depends on Brightness/ DisplayHDR setting.
Auto DIM Control	OFF ON		This function prevents image sticking by gradually dimming the screen. When set to ON, it automatically reduces full-screen brightness when detecting static images.
	Starting Speed	Slow Fast	Starting in detects the time a static image remains on the screen.
	Reducing Speed	Slow Fast	Users can specify the speed for brightness reduction.
	Reducing Level	1-6	Users can select a level for brightness reduction. Reducing effect depends on Brightness/ DisplayHDR setting.
OLED Panel Info.	,		This field shows the information of MSI OLED Care.

Specifications*

Monitor	MAG 272QP QD-OLED X50
Size	26.5 inch
Curvature	Flat
Panel Type	QD-OLED
Resolution	2560x1440 (WQHD)
Aspect Ratio	16:9
Drightness	Typical SDR: 300 nits
Brightness	Peak HDR: 1000 nits
Contrast Ratio	1500000:1
Refresh Rate	500Hz
Response Time	0.03ms (GTG)
	• 1 x USB Type-C Port
I/O	2 x HDMI™ Connector
1,10	• 1 x DisplayPort
	• 1 x Headphone Jack
View Angles	178°(H), 178°(V)
DCI-P3**/ sRGB	99%/ 138.4%
Surface Treatment	Anti-Reflection
Display Colors	1.07B (10 bits)
Monitor Power Options	100~240Vac, 50/60Hz, 1.5A
	Power On < 120W
Power Consumption (Typical)	Standby < 0.5W
	Power Off < 0.3W
Adjustment (Height)	0 ~ 110mm
Adjustment (Tilt)	-5° ~ 20°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Pivot)	-90° ~ 90°
Kensington Lock	Yes
	• Plate Type: 100 x 100 mm
	Screw Type: M4 x 10 mm
VESA Mounting	Thread Diameter: 4 mm
	Thread Pitch: 0.7 mm
	Thread Length: 10 mm

Monitor		MAG 272QP QD-OLED X50
Dimension (W x	H x D)	610 x 532 x 241 mm
Wainba	Net	8.0 kg
Weight Gross		11.1 kg
		Temperature: 0°C to 40°C
	Operating	Humidity: 20% to 90%, non-condensing
Environment		• Altitude: 0 ~ 5000m
	a.	Temperature: -20°C to 60°C
	Storage	Humidity: 10% to 90%, non-condensing

^{*} Some technical specifications of the device may be subject to change by the manufacturer. Please verify the specifications with the seller or the manufacturer's representative.

^{**} Based on CIE1976 test standards.

Preset Display Modes



All information is subject to change without prior notice.

Chandand	Resolution		HDMI™ 2.1 - PC + DSC On		
Standard			HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V	V	V
		@480Hz	V	V	V
		@500Hz	V	V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
HDMI™ VRR for		PS5	V		

Standard	Resolution		HDMI™ 2.1 - PC + DSC Off		
Standard	Resolution		HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V		
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	HDMI™ VRR for PS5		V		

Chandand	Basslution		HDMI™ 2.1 - Console + DSC On		
Standard	Resolution		HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V	V	V
		@480Hz	V	V	V
		@500Hz	V	V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	2160P	@30Hz	V		
		@60Hz	V		
		@120Hz	V		
	HDMI™ VRR for	PS5	V		

Standard	Resolution		HDMI™ 2.1 - Console + DSC Off		
Standard			HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V		
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	2160P	@30Hz	V		
		@60Hz	V		
		@120Hz	V		
	HDMI™ VRR for	PS5	V		

Standard	Resolution		PIP Mode (Not Support HDR)		
Standard			HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
	2160P	@30Hz	V	V	
		@50Hz	V	V	
		@60Hz	V	V	

Standard	Resolution		PBP Mode 1 (Not Support HDR)		
			HDMI™	DP	USB-C
Video Timing Resolution	720P		V	V	V
Used for PBP Full Screen	1920x1440	@60Hz	V	V	V
	640x1440	@60Hz	V	V	V

Standard	Resolution		PBP Mode 2 Customize (Not Support HDR)		
			HDMI™	DP	USB-C
Video Timing Resolution	720P		V	V	V
Used for PBP Full Screen	1280x1440	@60Hz	V	V	V

Standard	Resolution		Screen Size 16:10 (Not Support HDR)		
Stallualu			HDMI™	DP	USB-C
QHD	2560x1600	@60Hz	V	V	V
		@120Hz	V	V	V
		@180Hz	V	V	V
		@240Hz	V	V	V
		@300Hz	V		

Standard	Resolution		HDMI™ 2.1 - PC + DSC On + Adaptive- Sync On (HDMI™ VRR Off)		
			HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V	V	V
		@480Hz	V	V	V
		@500Hz	V	V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	HDMI™ VRR for PS5		60-500	60-500	60-500

Standard	d Resolution		HDMI™ 2.1 - Console + DSC On + Adaptive-Sync On (HDMI™ VRR Off)			
			HDMI™	DP	USB-C	
QHD	2560x1440	@60Hz	V	V	V	
		@120Hz	V	V	V	
		@240Hz	V	V	V	
		@360Hz	V	V	V	
		@480Hz	V	V	V	
		@500Hz	V	V	V	
Video Timing	720P		V	V	V	
Resolution	1080P	@60Hz	V	V	V	
		@120Hz	V	V	V	
	2160P	@30Hz	V			
		@60Hz	V			
		@120Hz	V			
	HDMI™ VRR for PS5		60-500	60-500	60-500	

Standard	Resolution		HDMI™ 2.1 - PC + DSC On + HDMI™ VRR On (Adaptive-Sync Off)		
			HDMI™	DP	USB-C
QHD	1D 2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V	V	V
		@480Hz		V	V
		@500Hz		V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	HDMI™ VRR Range		48-360		
	HDMI™ VRR for PS5		48-360		

Standard	Resolution		HDMI™ 2.1 - Console + DSC On + HDMI™ VRR On (Adaptive-Sync Off)		
			HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
		@240Hz	V	V	V
		@360Hz	V	V	V
		@480Hz		V	V
		@500Hz		V	V
Video Timing	720P		V	V	V
Resolution	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	2160P	@30Hz	V		
		@60Hz	V		
		@120Hz	V		
	HDMI™ VRR Range		48-360		
	HDMI™ VRR for PS5		48-360		

Troubleshooting

The power LED is off.

- Press the monitor power button again.
- Check if the monitor power cable is properly connected.

No image.

- Check if the computer graphics card is properly installed.
- Check if the computer and monitor are connected to electrical outlets and are turned on.
- Check if the monitor signal cable is properly connected.
- The computer may be in Standby mode. Press any key to activate the monitor.

The screen image is not properly sized or centered.

 Refer to Preset Display Modes to set the computer to a setting suitable for the monitor to display.

No Plug & Play.

- Check if the monitor power cable is properly connected.
- Check if the monitor signal cable is properly connected.
- Check if the computer and graphics card are Plug & Play compatible.

The icons, font or screen are fuzzy, blurry or have color problems.

- Avoid using any video extension cables.
- · Adjust brightness and contrast.
- Adjust RGB color or tune color temperature.
- Check if the monitor signal cable is properly connected.
- Check for bent pins on the signal cable connector.

The monitor starts flickering or shows waves.

- Change the refresh rate to match the capabilities of your monitor.
- Update your graphics card drivers.
- Keep the monitor away from electrical devices that may cause electromagnetic interference (EMI).

Safety Instructions

- Read the safety instructions carefully and thoroughly.
- All cautions and warnings on the device or User Guide should be noted.
- Refer servicing to qualified personnel only.

Power

- Make sure that the power voltage is within its safety range and has been adjusted properly to the value of 100~240V before connecting the device to the power outlet.
- If the power cord comes with a 3-pin plug, do not disable the protective earth pin from the plug. The device must be connected to an earthed mains socket-outlet.
- Please confirm the power distribution system in the installation site shall provide the circuit breaker rated 120/240V, 20A (maximum).
- Always disconnect the power cord or switch the wall socket off if the device would be left unused for a certain time to achieve zero energy consumption.
- Place the power cord in a way that people are unlikely to step on it. Do not place anything on the power cord.
- If this device comes with an adapter, use only the MSI provided AC adapter approved for use with this device.

Environment

- To reduce the possibility of heat-related injuries or of overheating the device, do not place the device on a soft, unsteady surface or obstruct its air ventilators.
- Use this device only on a hard, flat and steady surface.
- To prevent the device from tipping over, secure the device to a desk, wall or fixed
 object with an anti-tip fastener that helps to properly support the device and keep it
 safe in place.
- To prevent fire or shock hazard, keep this device away from humidity and high temperature.
- Do not leave the device in an unconditioned environment with a storage temperature above 60°C or below -20°C, which may damage the device.
- The maximum operating temperature is around 40°C.
- When cleaning the device, be sure to remove the power plug. Use a piece of soft cloth rather than industrial chemical to clean the device. Never pour any liquid into the opening; that could damage the device or cause electric shock.
- Always keep strong magnetic or electrical objects away from the device.

- If any of the following situations arises, get the device checked by service personnel:
 - The power cord or plug is damaged.
 - Liquid has penetrated into the device.
 - The device has been exposed to moisture.
 - The device does not work well or you can not get it working according to the User Guide.
 - The device has dropped and damaged.
 - The device has obvious sign of breakage.

TÜV Rheinland Certification

TÜV Rheinland Low Blue Light Certification

Blue light has been shown to cause eye fatigue and discomfort. MSI now offers monitors with TÜV Rheinland Low Blue Light certification to ensure users' eye comfort and well-being. Please follow the instructions below to reduce the symptoms from extended exposure to the screen and blue light.



- Place the screen 20 28 inches (50 70 cm) away from your eyes and a little below eye level.
- Consciously blinking the eyes every now and then will help to reduce eye strain after extended screen time.
- Take breaks for 20 minutes every 2 hours.
- Look away from the screen and gaze at a distant object for at least 20 seconds during breaks.
- Make stretches to relieve body fatigue or pain during breaks.

TÜV Rheinland Flicker Free Certification

- TÜV Rheinland has tested this product to ascertain whether the display produces visible and invisible flicker for the human eye and therefore strains the eyes of users.
- TÜVRheinland
 CERTIFIED
 Flicker Free
 www.tuv.com
- TÜV Rheinland has defined a catalogue of tests, which sets out minimum standards at various frequency ranges. The test catalogue is based on internationally applicable standards or standards common within the industry and exceeds these requirements.
- The product has been tested in the laboratory according to these criteria.
- The keyword "Flicker Free" confirms that the device has no visible and invisible flicker defined in this standard within the range of 0 - 3000 Hz under various brightness settings.
- The display will not support Flicker Free when Anti Motion Blur/MPRT is enabled. (The availability of Anti Motion Blur/MPRT varies by products.)

Regulatory Notices

CE Conformity

This product has been tested and found to comply with the harmonized standards for Information Technology Equipment published under Directives of Official Journal of the European Union.



FCC-B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may



cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the measures listed below:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice 1

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice 2

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation.

MSI Computer Corp.

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WEEE Statement

Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2012/19/EU, products of "electrical and electronic equipment" cannot be discarded as municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back such products at the end of their useful life.



Chemical Substances Information

In compliance with chemical substances regulations, such as the EU REACH Regulation (Regulation EC No. 1907/2006 of the European Parliament and the Council), MSI provides the information of chemical substances in products at: https://csr.msi.com/global/index

RoHS Statement

Japan JIS C 0950 Material Declaration

A Japanese regulatory requirement, defined by specification JIS C 0950, mandates that manufacturers provide material declarations for certain categories of electronic products offered for sale after July 1, 2006.

https://csr.msi.com/global/Japan-JIS-C-0950-Material-Declarations

India RoHS

This product complies with the "India E-waste (Management and Handling) Rule 2016" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Turkey EEE Regulation

Conforms to the EEE Regulations of the Republic Of Turkey

Ukraine Restriction of Hazardous Substances

The equipment complies with requirements of the Technical Regulation, approved by the Resolution of Cabinet of Ministry of Ukraine as of 10 March 2017, № 139, in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.

Vietnam RoHS

As from December 1, 2012, all products manufactured by MSI comply with Circular 30/2011/TT-BCT temporarily regulating the permitted limits for a number of hazardous substances in electronic and electric products.

Green Product Features

- Reduced energy consumption during use and stand-by
- Limited use of substances harmful to the environment and health
- Easily dismantled and recycled
- Reduced use of natural resources by encouraging recycling
- Extended product lifetime through easy upgrades
- Reduced solid waste production through take-back policy

Environmental Policy

- The product has been designed to enable proper reuse of parts and recycling and should not be thrown away at its end of life.
- Users should contact the local authorized point of collection for recycling and disposing of their end-of-life products.



- Visit the MSI website and locate a nearby distributor for further recycling information.
- Users may also reach us at gpcontdev@msi.com for information regarding proper disposal, take-back, recycling, and disassembly of MSI products.
- Please visit <https://us.msi.com/page/recycling for information regarding the recycling of your product in the US.

Warning!

Overuse of screens is likely to affect eyesight.

Recommendations:

- 1. Take a 10-minute break for every 30 minutes of screen time.
- 2. Children under 2 years of age should have no screen time. For children aged 2 years and over, screen time should be limited to less than one hour per day.

Copyright and Trademarks Notice

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Technical Support

If a problem arises with your product and no solution can be obtained from the user's manual, please contact your place of purchase or local distributor. Alternatively, please visit https://www.msi.com/support/ for further guidance.