

MAG Series

OLED Monitor

MAG 272UP QD-OLED X24 (3CD7)

User Guide

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Revision

V1.0, 2025/04

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 272UP QD-OLED X24	
Documentation	Quick Start Guide	
Accessories	Stand	
	Stand Base with Screw(s)	
	Screw(s) for Wall Mount Bracket(s)	
	Power Cord	
Cables	Ultra High Speed HDMI™ Cable (Optional)	
	DisplayPort Cable (Optional)	

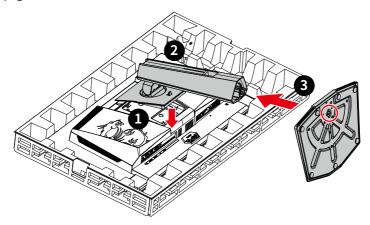


掛 Important

- Contact your place of purchase or local distributor if any of the items is damaged or missing.
- Package contents may vary by country and model.
- 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 bracket 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 screw 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.

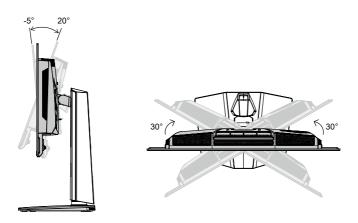
Adjusting the Monitor

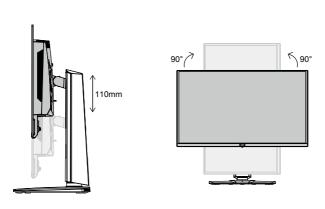
This monitor is designed to maximize your viewing comfort with its adjustment capabilities.



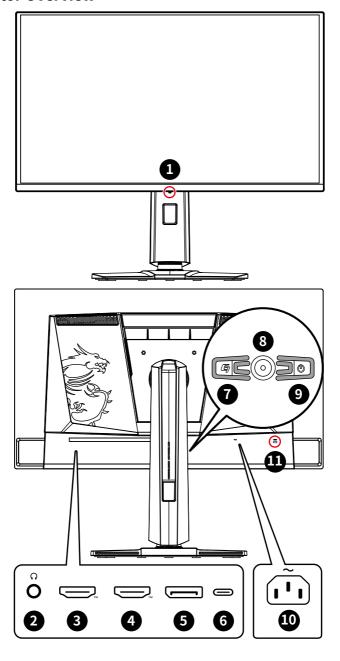
Important

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





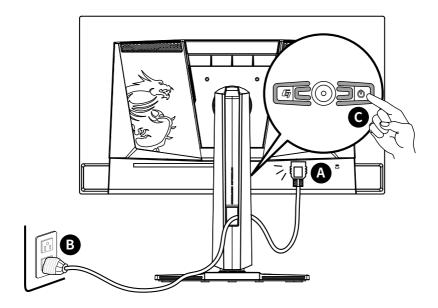
Monitor Overview



	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	Headphone Jack
3	HDMI TM Connector HIGH-DEFINITION MULTIMEDIA INTERFACE
	Supports HDMI™ CEC, 3840x2160@240Hz as specified in HDMI™ 2.1.
	1mportant
	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 .
4	HDMI TM Connector HIGH-GEFINITION MULTIMEDIA INTERFACE
	Supports 3840x2160@240Hz as specified in HDMI™ 2.1.
	1mportant
	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 .
A	DisplayPort
5	Supports 3840x2160@240Hz as specified in DisplayPort 1.4a.
6	USB Type-C Port
	This port supports DisplayPort Alternate (DP Alt) Mode up to 5V/3A(15W).
	1 Important
	Your USB-C signal source and cable must support DisplayPort Alternate Mode to enable video output to the monitor.
•	G Key
	To activate G Key OSD Application.
8	Navi Key
9	Power Button
10	Power Jack
1	Kensington Lock

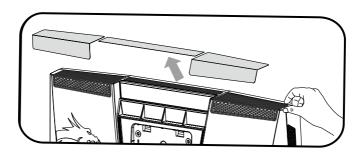
Connecting the Monitor to PC

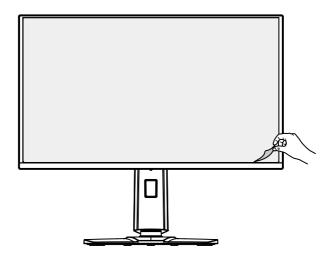
- 1. Turn off your computer.
- 2. Connect the video cable from the monitor to your computer.
- 3. Connect the power cord to the monitor power jack. (Figure A)
- 4. Plug the power cord into the electrical outlet. (Figure B)
- 5. Turn on the monitor. (Figure C)
- 6. Power on the computer and the monitor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

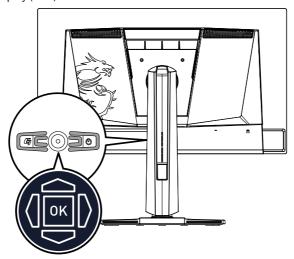


🚹 Important

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

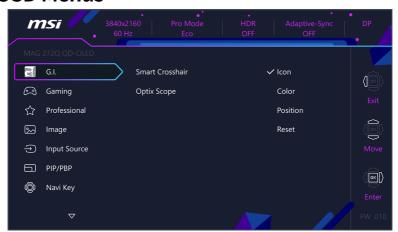
Press (OK):

- 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





• Optix Scope

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

Night Vision
 Low Blue Light
 Brightness
 Contrast
 Color Temperature
 PIP/PBP
 Al Vision
 sRGB
 Display P3
 Adobe RGB

G.I.

1st Level Menu	2nd/3rd Level Menu		Description
Smart Crosshair	Icon	None	Through AI algorithm, this function enhances the visibility of in-game crosshair. Users can select the color and position of the crosshair.
	Color Position	White Red Auto	- - - -
	Reset	Т	
Optix Scope	Scope Size	Small	The center point will zoom in when Optix Scope is enabled, user can adjust the details through the
		Medium	"Scope Size" and "Scope Ratio" settings.
		Large	Smart Crosshair and Optix Scope can be enabled at the same time.
	Scope Ratio	x1.5	Activating Optix Scope will affect:
		x2	Affected Function Function Status
	OFF	х3	» Adaptive-Sync » PIP/PBP Set to OFF
	ON		» 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.		
	FDC I	 Press the OK Button to confirm and apply your mode type. 		
	Racing	Game Mode defaults to Premium Color in SDR and		
	RTS	User in HDR mode.		
	RPG			

1st Level Menu	2nd/3rd Level Menu		Description			
Night Vision	OFF Normal		This function optimizes background brightness and is recommended for FPS games.			
	Strong					
	Strongest					
	A.I.					
Al Vision	OFF		Al Vision enhances image quality by optimizing			
	ON		the contrast of images and background brightness.			
Refresh Rate	Location	Left Top	Location is adjustable in OSD Menu. Press the OK			
		Right Top	Button to confirm and apply your Refresh Rate Location.			
		Left Bottom	This monitor follows and works at the Operating			
		Right Bottom	System's preset Screen Refresh Rate.			
		Customize				
	OFF					
	ON					
Alarm Clock	Location	Left Top	After setting the time, press the OK Button to			
		Right Top	activate the timer. • Users have to manually restore their preset Alarm			
		Left Bottom	Clock after any AC power loss and reconnection.			
		Right Bottom				
		Customize				
	OFF					
	15:00	00:01 ~ 99:59				
	30:00					
	45:00					
	60:00					
Adaptive-Sync	OFF		Adaptive-Sync prevents screen tearing.			
	ON		 HDMI[™] VRR (Variable Refresh Rate) synchronizes with Adaptive-Sync (ON/ OFF) and is disabled when Screen Size 16:10 is set to ON. 			
			Activating Adaptive-Sync will affect:			
			Affected Function Function Status			
			» PIP/PBP Set to OFF			
			» Optix Scope			
			» Screen Size 1:1 Set to Auto			

1st Level Menu	2nd/3rd Level Menu	Description
DSC	OFF	Users can toggle DSC (Display Stream Compression) on/off.
	ON	For more DSC timing information, please check Preset Display Modes for DSC On/Off timing tables. Activating DSC will affect:
		Affected Function Function Status
		» Screen Size 16:10 » PIP/PBP Unable to select

Professional

1st Level Menu	2nd Level Menu	Description					
Pro Mode	Eco	Use Up or Down Button to select and preview mode effects.					
	User	Press the OK Button to confirm and apply your mode type.					
	Anti-Blue	Pro Mode defaults to Eco for SDR mode and User for					
	Movie	HDR mode. • The default setting "Eco" mode meets the requirements					
	Office	of TÜV Rheinland's "Low Blue Light" standard and Eyesafe certification.					
	sRGB	Activating sRGB, Adobe RGB, Display P3 will affect:					
	Adobe RGB	Affected Function Function Status					
	Display P3	» Color Temperature » Low Blue Light Unable to select					
Low Blue Light	OFF	Low Blue Light protects your eyes against blue light.					
	ON	When enabled, Low Blue Light adjusts the screen color temperature to a more yellow glow.					
		When Pro Mode is set to Anti-Blue, it is mandatory to enable Low Blue Light.					
		 This monitor is a Low Blue Light backlight monitor, it would decrease the blue light emitted without adjusting OSD function. 					
Image Enhancement	OFF	Image Enhancement enhances image edges to improve					
	Weak	their acutance.					
	Medium						
	Strong						
	Strongest						

Image

1st Level Menu	2nd/3rd Level Menu		De	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	
	Normal			mode effects.	6 1 1	
	Warm			Press the OK Button to c mode type.	onfirm and apply your	
	Customization	R (0-100)	•	Users can adjust Color To	emperature in	
		G (0-100)	1	Customization mode.		
		B (0-100)				
Screen Size	Auto			Users can adjust Screen Size in any mode, any		
	4:3		resolution and any screen refresh rate. • Activating Screen Size 1:1 will affect:			
	16:9		┪•			
	16:10		1	Affected Function	Function Status	
			\dashv	» Adaptive-Sync		
	1:1		» PIP/PBP Set to OFF	Set to OFF		
	24.5"		» Optix Scope			
			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.			
					. This option is	
DisplayHDR	True Black 400		Users can set the DisplayHDR to True Black 400 or Peak 1000 nits.			
	Peak 1000 nits					

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 Leve	el Menu	De	escription			
OFF		•	PIP (Picture in Picture) allows users to				
PIP	Source	HDMI™1		ultiple video sources m is displayed on the			
		HDMI™2		full screen at the same time as one or more oth programs are displayed in inset windows.			
		DP		 PBP (Picture by Picture) is a similar feature the 			
		Type C		displays two input sources side-by-side on the screen.			
	PIP Size	Small		Display Switch allows user	s to switch between		
		Medium		primary and secondary inp			
		Large	•	If there is only one signal in Switch and Audio Switch w			
	Location	Left Top		Users can adjust the ratio	0 ,		
		Right Top		switching Mode 1/2.	•		
		Left Bottom	•	Activating PIP/PBP will affe	ect:		
		Right Bottom		Affected Function	Function Status		
		Customize	» DisplayHDR » DSC	Unable to select			
	Display Switch			» Adaptive-Sync	Set to OFF		
	Audio Switch PBP Mode 1 Mode 2		» Optix Scope » HDMI™ CEC				
PBP				Set to OFF &			
				» PIP: Screen Size 1:1	unable to select		
	Customize			» PBP: Screen Size	Set to Auto &		
	Source 1	HDMI™1		» Screen Size 16:10	unable to select		
		HDMI™2					
		DP	_				
		Type C					
	Source 2	HDMI™1					
		HDMI™2					
		DP					
		Type C					
	Display Switch						
Audio Switch							

Navi Key

1st Level Menu	2nd Level Menu	Description
Up	OFF	All Navi Key items can be adjusted via OSD Menus.
Down	Brightness	
Left	Game Mode	
Right	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 and					
	English	apply the Language setting.					
	Français	 Language is an independent setting. Users' own language setting will override the factory default. 					
	Deutsch	When users set Reset to Yes, Language will not be					
	Italiano	changed.					
	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.					
Info. On Screen	OFF	The information of the monitor status will be shown					
	ON	on the right side of the screen.					

1st Level Menu	2nd Level Menu	Description
HDMI™ CEC	OFF ON	HDMI™ CEC (Consumer Electronics Control) 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 mode and can be adjusted to users' preferred modes later.
Type C PD Charge	OFF	This function enables users to charge their devices through a USB Type-C connector.
	ON	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 OSD
	NO	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 Level M	enu	De	escription	1		
Protect Notice	Auto Usage 16 hrs		When set to Auto, Protect Notice will pop up when the panel exceeds 4 hours of cumulative usage. When set to Usage 16 hrs, Protect Notice will pop up when the panel exceeds 16 hours of cumulative usage. When Panel Protect is interrupted, Protect Notice will pop up upon next power-up.				
Static Screen Detection	OFF ON		•	 When of time prever Once of 	e, the monitor red nt screen burn-in.	suals over long periods uces brightness to visuals, the monitor	
	Starting in 50 Sec 100 Sec 120 Sec 240 Sec		•			a static image remains	
			on the screen.				
			Time required specifies the time for brightness Time required specifies the time for brightness				
			reduction after detecting a static image for 50/100 seconds.				
			The brightness reduction level depends on the setting of Reducing Level.				
	Reducing Level	1-7	Users can select a level for brightness reduction.				
			Reducing effect depends on Brightness/ DisplayHDR setting.				
Multi Logo Detection	OFF		•	phenome	tion helps preven enon. When set to	ON, brightness	
	ON		reduction of multi logo areas will kick in if k are detected.		as will kick in if logos		
			•			when the monitor is resh Rate) content.	
				VRR*	VRR Content**	Multi Logo Detection	
	Reducing Level 1-4			ON	YES	Set to OFF & Unable to select	
			ON NO Adjustal		Adjustable		
				OFF NO Adjustable			
			Users can select a level for brightness reduction. Reducing effect depends on Brightness/ DisplayHDR setting.			· ·	

1st Level Menu	2nd/3rd Level Me	enu	Description				
Taskbar Detection	OFF ON			This function helps prevent image sticking phenomenon. When set to ON, brightness reduction of taskbar areas will kick in if taskbars are detected. This function will not work when the monitor is receiving VRR (Variable Refresh Rate) content.			
				VRR*	VRR Content**	Taskbar Detection	
				ON	YES	Set to OFF & Unable to select	
				ON OFF	NO NO	Adjustable	
	Reducing Level	1-4	Users can select a level for brightness reduction Reducing effect depends on Brightness/ DisplayHDR setting.				
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 detect. This function will not work when the monitor is receiving VRR (Variable Refresh Rate) content.				
				VRR*	VRR Content**	Boundary Detection	
				ON	YES	Set to OFF & Unable to select	
				ON OFF	NO NO	Adjustable	
	Reducing Level	1-4	Users can select a level for brightness reduct Reducing effect depends on Brightness/ DisplayHDR setting.			•	
V-Split Detection	OFF			phenome	tion helps preven	ON, brightness	
	ON		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.			ŭ	
OLED Panel Info.			This field shows the information of MSI OLED Care.				

Specifications*

Monitor	MAG 272UP QD-OLED X24
Size	26.5 inch
Curvature	Flat
Panel Type	QD OLED
Resolution	3840x2160 (UHD)
Aspect Ratio	16:9
Brightness	Typical SDR: 250 nits
	Peak HDR: 400 nits
Contrast Ratio	1500000:1
Refresh Rate	240Hz
Response Time	0.03ms (GtG)
1/0	2 x HDMI [™] Connector
	• 1 x DisplayPort
	• 1 x USB Type-C Port
	• 1 x Headphone Jack
View Angles	178°(H), 178°(V)
DCI-P3**/ sRGB	99%/ 138.2%
Surface Treatment	Anti-Reflection
Display Colors	1.07B, 10bits
Monitor Power Options	100-240V~, 50/60Hz 1.5A
Power Consumption	Power On < 130W
(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

Monitor		MAG 272UP QD-OLED X24			
VESA Mounting		• Plate Type: 100 x 100 mm			
		• Screw Type: M4 x 10 mm			
		Thread Diameter: 4 mm			
		Thread Pitch: 0.7 mm			
		Thread Length: 10 mm			
Dimension (W x D x H)		610.3 x 241.9 x 532.1 mm			
Weight	Net	8.0 kg			
Weight	Gross	11.125 kg			
Operating Envir	onment	• Temperature: 0°C to 40°C			
		Humidity: 20% to 90%, non-condensing			
		• Altitude: 0 ~ 5000m			
Storage Enviror	ment	• Temperature: -20°C to 60°C			
		• 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



Important

- All information is subject to change without prior notice.
- HDMI™ VRR (Variable Refresh Rate) synchronizes with Adaptive-Sync (ON/ OFF). For VRR ON/OFF status, please check Adaptive-Sync.
- To display the preferred timing and frequency, make sure to use the graphics card that supports DSC (Display Stream Compression).

Standard Default Mode (DSC ON)

Standard	Resolution		HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	٧	V	٧
UHD	3840x2160	@60Hz	V	V	٧
		@120Hz		V	٧
		@180Hz	V	V	٧
		@240Hz	V	V	٧
Video Timing Resolution	720P		V	V	٧
	1080P	@60Hz	V	٧	٧
		@120Hz	٧	٧	V
	2160P	@30Hz	٧		
		@60Hz	٧		
		@120Hz	٧		
HDMI™VRR			V		

Standard Default Mode (DSC OFF)

Standard	Resolution		HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	٧	V	٧
		@120Hz	٧	٧	٧
UHD	3840x2160	@60Hz	٧	V	٧
		@120Hz		V	٧
Video Timing Resolution	720P		٧	٧	٧
	1080P	@60Hz	٧	٧	٧
		@120Hz	٧	V	٧
	2160P	@30Hz	V		
		@60Hz	V		
		@120Hz	V		
HDMI™ VRR		٧			

PIP Mode (Not Support HDR)

Standard	Resolution		HDMI™	DP	USB-C
QHD	2560x1440	@60Hz	V	V	V
		@120Hz	V	V	V
UHD	3840x2160	@60Hz	V	V	V
		@120Hz	V	V	V
Video Timing Resolution	720P		V	V	V
	1080P	@60Hz	V	V	V
		@120Hz	V	V	V
	2160P	@30Hz	V	V	
		@50Hz	V	V	
		@60Hz	V	V	
		@120Hz	V	V	V

PBP Mode 1 (Not Support HDR)

Standard	Resolution		HDMI™	DP	USB-C
Video Timing Resolution	720P		٧	V	V
Used for PBP Full Screen	960x2160 @60Hz		V	V	V
	2880x2160 @60Hz		٧	V	V

PBP Mode 2/ Customize (Not Support HDR)

Standard	Resolution		HDMI™	DP	USB-C
Video Timing Resolution	720P		V	V	V
Used for PBP Full Screen	1920x2160 @60Hz		V	V	٧

Screen Size 16:10 (Not Support HDR)

Standard	Resolution		HDMI™	DP	USB-C
QHD+	2560x1600	@60Hz	V	٧	V
		@120Hz	V	٧	V
		@144Hz	V	٧	V
		@240Hz	٧	٧	٧

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.



Flicker Free

- 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.
- 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.