

MAG Series

OLED Monitor

MAG 273QP QD-OLED X24 (3CE6)

User Guide

Contents

Getting Started	3
Package Contents	3
Installing the Monitor Stand	4
Adjusting the Monitor	6
Monitor Overview	7
Connecting the Monitor to PC	9
OSD Setup	10
Navi Key	10
Hot Key	10
OSD Menus	11
G.I	12
Gaming	13
Professional	15
Image	15
Input Source	16
Navi Key	18
Settings	18
MSI OLED Care	20
Specifications	22
Preset Display Modes	24
Troubleshooting	26
Safety Instructions	27
TÜV Rheinland Certification	29
Regulatory Notices	30

Revision

V1.0, 2025/02

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 273QP QD-OLED X24
Documentation	Quick Start Guide
Accessories	Stand with Screw(s)
	Screw(s) for Wall Mount Bracket(s)
	Power Cord
	External Power Supply
Cables	DisplayPort Cable (Optional)

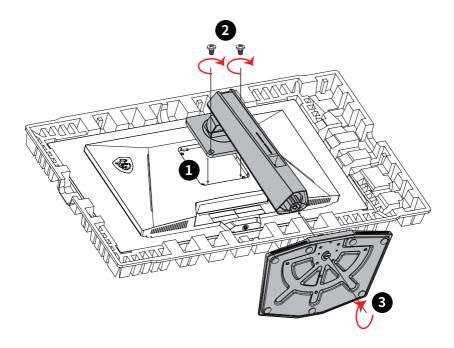


// Important

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

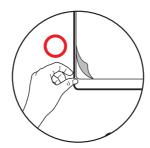
Installing the Monitor Stand

- 1. Leave the monitor in its protective packaging. Align the stand bracket to the monitor groove.
- 2. Tighten the stand bracket with screws.
- 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.





- 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.
- This product comes with protective film, please remove it with both hands.



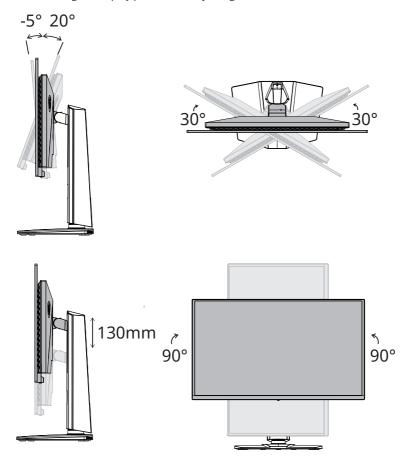
Adjusting the Monitor

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

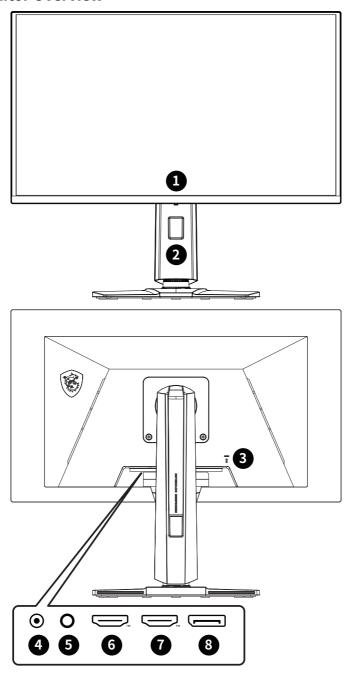


Important

Avoid touching the display panel when adjusting the monitor.



Monitor Overview

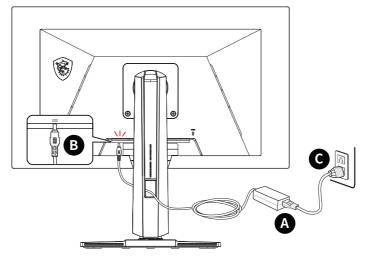


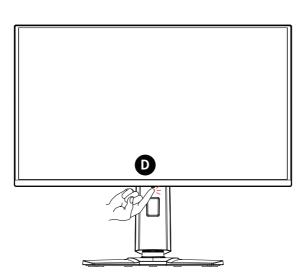
0	Power Button & Navi Key
2	Cable Routing Hole
3	Kensington Lock
4	Power Jack
5	Headphone Jack
6	HDMI™ Connector → Supports 2560x1440@240Hz as specified in HDMI™ 2.1. Important To ensure optimal performance and compatibility, please use only HDMI™ cables certified with the official HDMI™ logo when connecting this monitor.
7	HDMI™ Connector → Supports HDMI™ CEC, 2560x1440@240Hz as specified in HDMI™ 2.1. Supportant 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 .
8	DisplayPort

Supports 2560x1440@240Hz as specified in DisplayPort 1.4a.

Connecting the Monitor to PC

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





OSD Setup

This chapter provides you with essential information on OSD Setup.

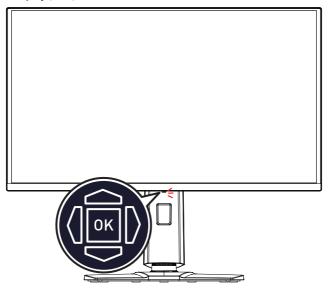


Important

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

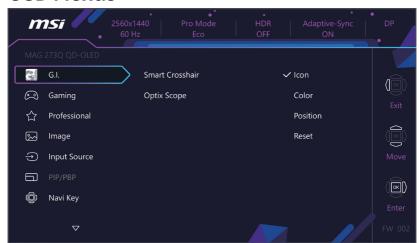
Press (OK):

- 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





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/Adobe RGB
- P3

G.I.

1st Level Menu	2nd/3rd Level Menu		Description	
Smart Crosshair	Color	None L+1 -i- iii iv vhite Red Auto	Through AI algorithm, the visibility of in-gam Users can select the cocrosshair.	ne crosshair.
	Position			
	Reset			
Optix Scope	Scope Size	Small		coom in when Optix Scope
		Medium		djust the details through "Scope Ratio" settings.
		Large		Optix Scope can be enabled
	Scope Ratio	x1.5	at the same time. • Activating Optix Scope	e will affect:
Ratio	x2		Function Status	
		x4	» Adaptive-Sync	
	OFF		» PIP/PBP	Set to OFF
	ON		» Screen Size: 1:1/ 24.5"	Set to Auto

Gaming

2nd/3rd Lev	vel Menu	Description	
Premium Color		Use Up or Down Button to select and preview mode effects. Press the OK Button to confirm and apply your	
User			
FPS		mode type.	
Racing			
RTS			
RPG			
OFF			imizes background brightness
Normal		and is recommen	ded for FPS games.
Strong			
Strongest			
A.I.			
OFF ON		Al Vision enhances image quality by optimizing the contrast of images and background brightness.	
		Affected Function	Function Status
		» Night Vision	
		» Brightness	Unable to select
Location	Loft Top	• Location is adjust	rable in OSD Monu Proce the
Right Top		Location is adjustable in OSD Menu. Press the OK Button to confirm and apply your Refresh Rate Location. This monitor follows and works at the Operating	
		_	
		-	
ON]	
	Premium Co User FPS Racing RTS RPG OFF Normal Strong Strongest A.I. OFF	User FPS Racing RTS RPG OFF Normal Strong Strongest A.I. OFF ON Location Left Top Right Top Left Bottom Right Bottom Customize	Premium Color User FPS Racing RTS RPG OFF Normal Strong Strongest A.I. OFF ON English Top Left Top Right Top Left Bottom Right Bottom Right Bottom Customize Press the OK Butt mode type. • This function opt and is recomment the contract of imbrightness. • Activating Al Vision Night Vision Brightness • Location is adjust OK Button to con Rate Location. • This monitor folic System's preset states.

1st Level Menu	2nd/3rd Lev	rel Menu	Description	
Alarm Clock	OFF 15:00 30:00 45:00 60:00	Left Top Right Top Left Bottom Right Bottom Customize 00:01 ~ 99:59	After setting the time, activate the timer. Users have to manual Alarm Clock after any reconnection.	ly restore their preset
Adaptive-Sync	OFF ON		to enable HDMI™ VRR • HDMI™ VRR (Variable)	s set to ON, it is mandatory . Refresh Rate) synchronizes DN/ OFF) and is disabled to is set to ON.
DSC	OFF ON			information, please check for DSC On/Off timing
HDMI 2.1	Console PC		The Console mode off with more console de	fers 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. Press the OK Button to confirm and apply your mode
	Anti-Blue	type.
	Movie	Activating sRGB, Adobe RGB, Display P3 will affect:
	Office	Affected Function Function Status
	sRGB	» Color Temperature » Low Blue Light Unable to select
	Adobe RGB	» Contrast Unable to select
	Display P3	
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.
Image Enhancement	OFF	Image Enhancement 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	
	Normal		mode effects. • Press the OK Button to confirm and apply your	
	Warm		mode type.	
	Customization R (0-100) G (0-100)		Users can adjust Color Temperature in Customization mode.	
			customization 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. • Activating Screen Size 16:10 will affect:
	16:9	Affected Function Function Status
	16:10	» HDMI™ VRR
	1:1	» HDMI 2.1 Disabled
	24.5	» DisplayHDR
		Activating Screen Size 1:1 will affect:
		Affected Function Function Status
		» Adaptive-Sync
		» PIP/PBP Set to OFF
		» Optix Scope
DisplayHDR	True Black 400	Users can set the DisplayHDR to True Black 400
	Peak 1000 nits	or 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		
Auto Scan	OFF ON	Users can use the Navi Key to select Input Source at 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 Level Menu		Description	
OFF		PIP (Picture in Picture) allows users to		
PIP	Source	HDMI™ 1	simultaneously display multiple video source on one screen. One program is displayed on t	
		HDMI™ 2	full screen at the same programs are displaye	e time as one or more other
		DP		re) is a similar feature that
	PIP Size	Small	displays two input so	urces side-by-side on the
		Medium	Display Switch allows	users to switch between
		Large	primary and secondar	
	Location	Left Top	If there is only one sig and Audio Switch will	nal input, the Display Switch be grayed out.
		Right Top	Activating PIP will affer	ect:
		Left Bottom	Affected Function	Function Status
		Right Bottom	» HDMI 2.1 » DSC Disabled	Disabled
		Customize	» DisplayHDR	
	Display Swit	ch	» Optix Scope	Set to OFF
	Audio Switch	 1	» Screen size: 16:10	Disabled + Auto
PBP	Customize		» HDMI™ CEC	Disabled + Auto
	Source 1	HDMI™ 1	» Screen Size: 1:1/ 24.5"	Disabled + Auto
		HDMI™ 2		
		DP	Activating PBP will aff Affected Function	Function Status
	Source 2	HDMI™ 1	» Screen Size	Disabled + Auto
		HDMI™ 2		Disabled - Nato
		DP		
	Display Switch			
	Audio Switch	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	
Night	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. • Language is an independent setting. Users'own
	Français	language setting will override the factory default.
	Deutsch	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.

1st Level Menu	2nd Level Menu	Description
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.
HDMI™ CEC	OFF	HDMI™ CEC (Consumer Electronics Control) supports
	ON	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.
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 M	lenu	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 (short time) 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.
Protect Notice	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	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 required	120 Sec	Time required specifies the time for brightness
		240 Sec	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.
			Reducing effect depends on "Brightness" or "DisplayHDR" setting.

1st Level Menu	2nd/3rd Level M	enu		Descript	ion	
Multi Logo Detection	OFF ON		This function helps prevent image sticking phenomenon. When set to ON, brightness reduction of multi logo areas will kick in if logos are detected. This function will not work when the monitor is receiving VRR (Variable Refresh Rate) content.			
				VRR*	VRR Content**	Multi Logo Detection
			ľ	ON	YES	Set to OFF & Unable to select
				ON OFF	NO NO	Adjustable
	Reducing Level	1-2	,		ing effect depends yHDR setting.	on Brightness/
Taskbar Detection	OFF			This function helps prevent image sticking phenomenon. When set to ON, brightness reduction of taskbar areas will kick in if tare detected. This function will not work when the mo		o ON, brightness s will kick in if taskbars
			١,	receiving VRR (Variable Refresh Rate) content.		
				ON	YES	Set to OFF & Unable to select
				ON OFF	NO NO	Adjustable
	Reducing Level	1-3	•	Reducing effect depends on Brightness/ DisplayHDR setting.		on Brightness/
Boundary Detection	OFF		This function helps prevent image sticking phenomenon. When set to ON, brightner eduction of boundary areas will kick in boundaries, such as letters, pillars and will lines, are detected.		o ON, brightness reas will kick in if	
			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	1-3	,		ing effect depends yHDR setting.	on Brightness/
OLED Panel Info.			•	• This fie Care.	eld shows the infor	mation of MSI OLED

^{*} HDMITM VRR (Variable Refresh Rate) synchronizes with Adaptive-Sync (ON/ OFF). For VRR ON/OFF status, please check Adaptive-Sync.

^{**} When VRR is set to ON, the monitor scaler will detect whether the graphics card is sending VRR content.

Specifications

Monitor	MAG 273QP QD-OLED X24
Size	26.5 inch
Curvature	Flat
Panel Type	QD-OLED
Resolution	2560x1440 (WQHD)
Aspect Ratio	16:9
Brightness	Typical SDR: 250 nits
	Peak HDR: 1000 nits
Contrast Ratio	1500000:1
Refresh Rate	240Hz
Response Time	0.03ms (GtG)
1/0	2 x HDMI [™] Connector
	• 1 x DisplayPort
	• 1 x Headphone Jack
View Angles	178°(H), 178°(V)
DCI-P3*/ sRGB	99.1% / 138.4%
Surface Treatment	Anti-Reflection
Display Colors	1.07B
Monitor Power Options	24V === 5A
External Power Supply**	Model: ADS-120QL-19-3 240120E
Power Input	100~240Vac, 50~60Hz, 1.6A
Power Output	24V === 5A
Adjustment (Height)	0 ~ 130mm (±5)
Adjustment (Tilt)	-5° ~ 20°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Pivot)	-90° ~ 90°
Kensington Lock	Yes
VESA Mounting	Plate Type: 100 x 100 mm
	VESA Screw Type:
	Male Thread: M4 x 8 mm
	Female Thread: M4
	Screw Length: 21 mm + 8 mm (Male Thread)

Monitor		MAG 273QP QD-OLED X24	
Dimension (W x	H x D)	610.1 x 532.0 x 227.9 mm	
Weight	Net	6.70 kg	
	Gross	9.65 kg	
Environment Operating		Temperature: 0°C to 40°C	
		• Humidity: 20% to 90%, non-condensing	
Storage		• Altitude: 0 ~ 5000m	
		Temperature: -20°C to 60°C	
		Humidity: 10% to 90%, non-condensing	

^{*} Based on CIE1976 test standards.

^{**} External Power Supply may vary by country.

Preset Display Modes



• All information is subject to change without prior notice.

Standard	Resolution		HDMI 2.1 - PC + DSC On	
Standard	Resolution		HDMI™	DP
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V
		@240Hz	V	V
Video Timing			V	V
Resolution	1080P	@60Hz	V	V
		@120Hz	V	V
	HDMI™ VRR* PS5	5	V	

Standard	Resolution		HDMI 2.1 - Console + DSC On	
Standard			HDMI™	DP
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V
		@240Hz	V	V
Video Timing	720P		V	V
Resolution	1080P	@60Hz	V	V
		@120Hz	V	V
	2160P	@30Hz	V	
		@60Hz	V	
		@120Hz	V	
	HDMI™ VRR* PS5	5	V	

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

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

Standard Resolution			Screen Size 16:10 (Not Support HDR)	
			HDMI™	DP
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V

Standard	ndard Resolution		HDMI 2.1 - PC + DSC Off	
Standard	Resolution		НОМІ™	DP
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V
		@144Hz	V	
		@240Hz		V
Video Timing	720P		V	V
Resolution	1080P	@60Hz	V	V
		@120Hz	V	V
	HDMI™ VRR* PS5	5	V	

Standard	Resolution		HDMI 2.1 - Console + DSC Off	
Standard			HDMI™	DP
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V
		@144Hz	V	
		@240Hz		V
Video Timing Resolution	720P		V	V
	1080P	@60Hz	V	V
		@120Hz	V	V
	2160P	@30Hz	V	
		@60Hz	V	
		@120Hz	V	
	HDMI™ VRR* PS	5	V	

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 device complies with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2014/30/EU), Low-voltage Directive (2014/35/EU), ErP Directive (2009/125/EC) and RoHS directive (2011/65/EU). 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.

901 Canada Court, City of Industry, CA 91748, USA (626) 913-0828

www.msi.com

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







Copyright © Micro-Star Int' I Co., Ltd. All rights reserved. The MSI logo used is a registered trademark of Micro-Star Int' I Co., Ltd. All other marks and names mentioned may be trademarks of their respective owners. No warranty as to accuracy or completeness is expressed or implied. MSI reserves the right to make changes to this document without prior notice.



The terms HDMI[™], HDMI[™] High-Definition Multimedia Interface, HDMI[™] Trade dress and the HDMI[™] Logos are trademarks or registered trademarks of HDMI[™] Licensing Administrator, Inc.

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.