

G Series LCD Monitor

G271C E2 (3CC3) G271CQP E2 (3CC3) G321C E2 (3DC1) G321CQP E2 (3DC1)

User Guide

Contents

Getting Started
Package Contents
Installing the Monitor Stand 4
Adjusting the Monitor 6
Monitor Overview
Connecting the Monitor to PC11
Connecting the Monitor to PC12
OSD Setup
OSD Keys
OSD Menus14
Gaming15
Professional17
Image
Input Source
PIP/PBP (G271CQP E2/G321CQP E2)
Navi Key
Setting
Specifications
Preset Display Modes
Troubleshooting
Safety Instructions
TÜV Rheinland Certification
Regulatory Notices

Revision

V1.1, 2022/06

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	G271C E2 G271CQP E2 G321C E2	
Documentation	G321CQP E2 Quick Start Guide	
	Stand with Screw(s)	
	Stand Base with Screw(s)	
•	Screw(s) for Wall Mount Bracket(s)	
Accessories	Power Cord	
	External Power Supply (Optional)	
	DisplayPort Cable (Optional)	

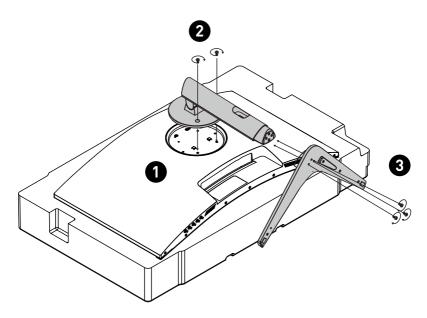
Important

- 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.

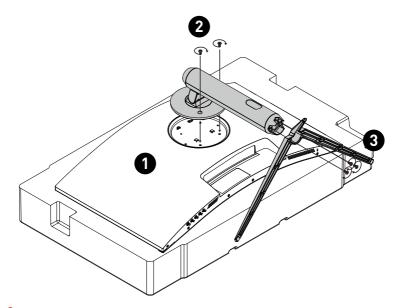
Installing the Monitor Stand

- 1. Leave the monitor in its protective foam 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.

G271C E2/G321C E2



G271CQP E2/ G321CQP E2



🕼 Important

- Remove the screws on the monitor groove if needed before installing the stand.
- 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 NO protective film to be removed by the user! Any mechanical damages to the product including removal of the polarizing film may affect the warranty!



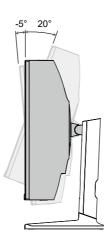
Adjusting the Monitor

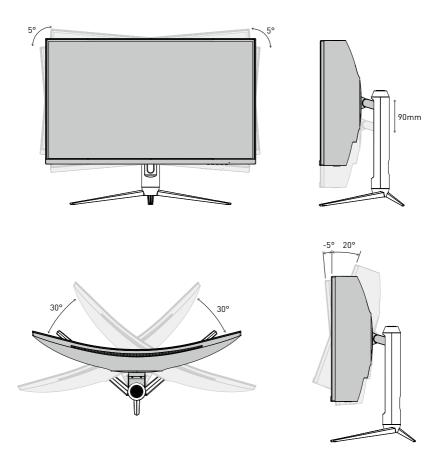
This monitor is designed to maximize your viewing comfort with its adjustment capabilities.

Important

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

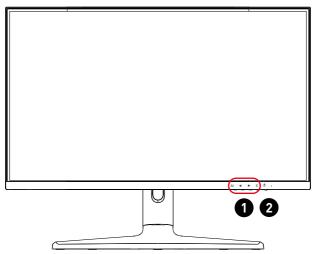
G271C E2/G321C E2

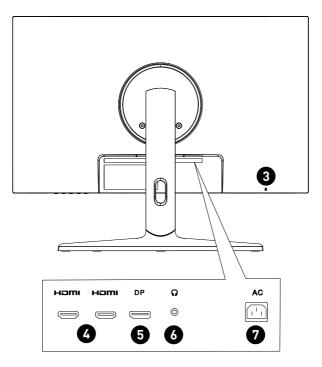




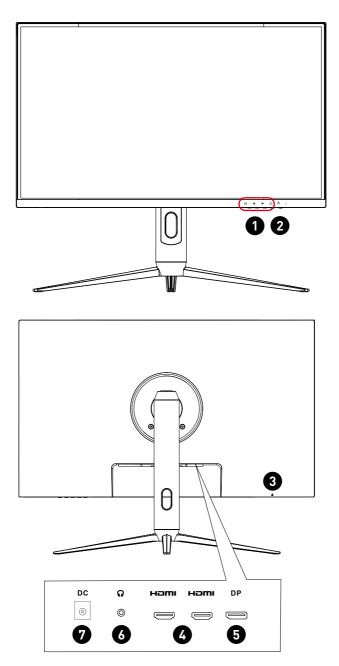
Monitor Overview

G271C E2/G321C E2





G271CQP E2/G321CQP E2

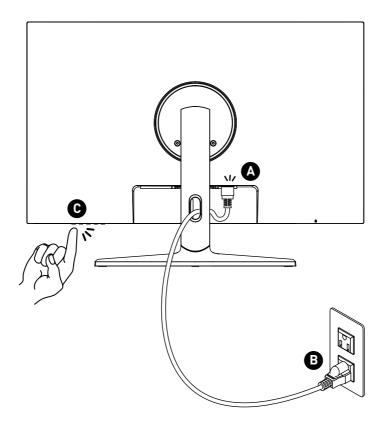


0	OSD Keys
2	Power Button / Power LED
6	Lit in white after the monitor is turned on. If no signal input, the LED will turn into orange. Lit in orange when the monitor is in Stand-by mode.
3	Kensington Lock
6	
6	DisplayPort
6	Headphone Jack
7	Power Jack

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.

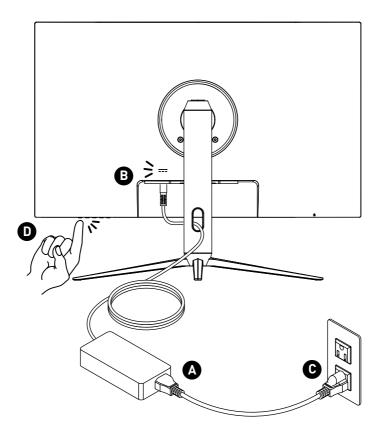
G271C E2/G321C E2



Connecting the Monitor to PC

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

G271CQP E2/G321CQP E2



OSD Setup

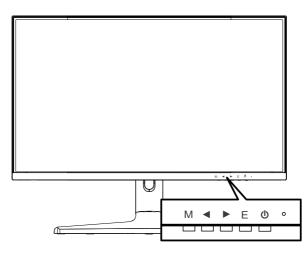
This chapter provides you with essential information on OSD Setup.



All information is subject to change without prior notice.

OSD Keys

The monitor comes with a set of OSD Keys that help to control the On-Screen Display (OSD) menu.



OSD Key	Hot Key (When OSD is OFF)	OSD Setup (When OSD is ON)
Μ	• Activating the OSD Main Menu	 Entering the submenus Confirming a selection or setting
	• Game Mode	 Navigating through function menus and items
	Screen Assistance	 Adjusting function values
Е	Input Source	Confirming the selectionExiting the current menu

OSD Menus

G271C E2/G321C E2

	MS T 1920 X			DP
	Gaming	Game Mode	✓ User	
☆	Professional	Night Vision	FPS	
\$	Image	Response Time	Racing	
¢	Input Source	MPRT OFF	RTS	M ◀ ► E Exit
শ্চ	Navi Key	Refresh Rate	RPG	
ŝ	Setting	Alarm Clock		Move
		Screen Assistance		M ◀ ► E Enter
		-		FW .001

G271CQP E2/G321CQP E2

1	MS I 2560X144				
	Gaming	Gaming Mode		✓ User	
☆	Professional	Night Vision		FPS	
2	Image	Response Time		Racing	
Ð	Input Source	MPRT	OFF	RTS	
6	PIP/PBP	Refresh Rate		RPG	
R	Navi Key	Alarm Clock			
ŝ	Setting	Screen Assistance			M ◀ ▶ E Enter
					FW 1.0



When receiving HDR signals, Night Vision, MPRT, Low Blue Light, HDCR, Brightness, Contrast, Color Temperature and PIP/PBP will be grayed out.

Gaming

1st Level Menu	2nd/3rd Level Menu	Description
Game Mode	User	• Use Up or Down Button to select and
	FPS	preview mode effects.Press the E Button to confirm and
	Racing	apply your mode type.
	RTS	
	RPG	
Night Vision	OFF	• This function optimizes background
	Normal	brightness and is recommended for FPS games.
	Strong	
	Strongest	
	A.I.	
Response Time	Normal	Response Time will be grayed out
	Fast	while MPRT is enabled.
	Fastest	
MPRT	OFF	• When MPRT is enabled, Brightness
	ON	cannot be enabled and will be grayed out.
		 HDCR and MPRT cannot be enabled simultaneously.
		 Response time will be grayed out while MPRT is enabled.
		 MPRT is available when the refresh rate is over 85Hz.
		• MPRT has to be disabled while FreeSync Premium is set to ON.

1st Level Menu	2nd/3rd L	evel Menu	Description		
Refresh Rate	Location	Left Top	• Location is adjustable in OSD Menu.		
		Right Top	Press the E Button to confirm and apply your Refresh Rate Location.		
		Left Bottom	 This monitor follows and works at the Operating System's preset Screen Refresh Rate. 		
		Right Bottom			
		Customize (G271CQP E2/ G321CQP E2)			
	OFF				
	ON				
Alarm Clock	Location	Left Top	• After setting the time, press the E		
		Right Top	Button to activate the timer.Users have to manually restore their		
				Left preset Alarm Clock after any Bottom	
		Right Bottom			
		Customize (G271CQP E2/ G321CQP E2)			
	OFF				
	15:00 00:0				
	30:00	99:59			
	45:00				
	60:00				

1st Level Menu	2nd/3rd Level Menu	Description
Screen Assistance (G271C E2/ G321C E2)	$ \begin{array}{c} \text{Icon} \\ \hline \\ + \\ - \\ - \\ - \\ - \\ + \\ - \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}{c} \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \end{array}$	• Users can adjust Screen Assistance in any mode.
Screen Assistance (G271CQP E2/ G321CQP E2)	None Icon $\begin{bmatrix} + \\ - \\ - \end{bmatrix} \land \land$ $- \frac{1}{1} - \land \land$ $H_{\hat{T}} H_{\hat{T}} (\widehat{\cdot})$ Position Reset	• Users can adjust Screen Assistance in any mode.
FreeSync Premium	OFF ON	 FreeSync Premium prevents screen tearing. MPRT, RIP/PBP, Screen Size 1:1 will be disabled if FreeSync Premium is enabled.

Professional

1st Level Menu	2nd Level Menu	Description
Pro Mode	User	 Use Up or Down Button to select and preview mode effects.
	Anti-Blue	 Press the E Button to confirm and apply
	Movie	your mode type.
	Office	
	sRGB	
	Eco	

1st Level Menu	2nd Level Menu	Description
Low Blue Light	OFF ON	 Low Blue Light protects your eyes against blue light. 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 monitor which will decrease the blue light emitted
HDCR	OFF ON	 without adjusting the OSD settings. HDCR enhances image quality by increasing the contrast of images. When HDCR is set to ON, Brightness will be grayed out. HDCR and MPRT cannot be enabled simultaneously.
MPRT	OFF ON	 When MPRT is enabled, Brightness cannot be enabled and will be grayed out. MPRT and HDCRcannot be enabled simultaneously. Response time will be grayed out while MPRT is enabled. MPRT is available when the refresh rate is over 85Hz. MPRT has to be disabled while FreeSync Premium is set to ON.
Image Enhancement	OFF Weak Medium Strong Strongest	 Image Enhancement enhances image edges to improve their acutance.

Image

1st Level Menu	2nd/3rd Level N	lenu	Description
Brightness	0-100		 Properly adjust Brightness according to the surrounding lighting. Brightness will be grayed out when MPRT or HDCR are enabled.
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
remperature	Normal Warm		 and preview mode effects. Press the E Button to confirm and apply your mode type.
	Customization	R (0-100)	
		G (0-100)	
		B (0-100)	
Screen Size	Auto		• Users can adjust Screen Size in
	4:3		any mode, any resolution and any screen refresh rate.
	16:9		
	1:1 (G271CQP E2/ G	321CQP E2)	

Input Source

1st Level Menu	2nd Level Menu	Description
HDMI1		• Users can adjust Input Source in any mode.
HDMI2		
DP		

Auto Scan	OFF	 Users can use the OSD Key to select Input Source at below status:
	ON	 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 (G271CQP E2/G321CQP E2)

1st Level Menu	2nd/3rd Leve	l Menu	Description			
OFF			• PIP (Picture in Picture) allows			
PIP	Source	HDMI1	users to simultaneously display multiple video sources on one			
		HDMI2	screen. One program is displayed			
		DP	on the full screen at the same time as one or more other			
	PIP Size	Small	programs are displayed in inset windows.			
		Medium	• PBP (Picture by Picture) is a			
		Large	similar feature that displays two			
	Location	Left Top	input sources side-by-side on the screen.			
		Right Top	 Display Switch allows users to 			
		Left Bottom	switch between primary and			
		Right Bottom	secondary input sources.If there is only one signal input,			
		Customize	the Display Switch and Audio Switch will be grayed out.			
	Display Switc	h				
	Audio Switch					
РВР	Source 1	HDMI1				
		HDMI2				
		DP				
	Source 2	HDMI1				
		HDMI2				
		DP				
	Display Switch					
	Audio Switch					

Navi Key

1st Level Menu	2nd Level Menu	Description
Enter / Left /	OFF	• All Hot Key items can be adjusted via OSD
Right	Brightness	Menus.
	Game Mode	
	Screen Assistance	
	Alarm Clock	
	Input Source	
	PIP/PBP Mode (G271CQP E2/ G321CQP E2)	
	Refresh Rate	
	Info. On Screen	
	Night Vision	

Setting

1st Level Menu	2nd Level Menu	Description
Language	繁體中文	• Users have to press the E Button to
	English	confirm and apply the Language setting.Language is an independent setting.
	Français	Users' own language setting will override the factory default. When users set Reset
	Deutsch	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.
Info. On Screen	OFF	• The information of the monitor status will
	ON	be shown on the right side of the screen.Users can enable or disable the Info. On Screen.

1st Level Menu	2nd Level Menu	Description			
DP OverClocking	OFF	 To overclock the monitor refresh rate, users have to set DP OverClocking to ON. 			
	ON				
HDMI CEC	OFF	HDMI CEC (Consumer Electronics Control)			
	ON	supports Sony PlayStation®, Nintendo® Switch™, Xbox Series XIS 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 User mode (Default) and can be adjusted to users' preferred modes later. 			
Reset	YES	Users can Reset and restore settings to			
	NO	original OSD Default in any mode.			

Specifications

Model	G271C E2 G321C E2		G271CQP E2	G321CQP E2	
Size	27 inch / 31.5 inch				
Curvature	R1000				
Panel Type	VA				
Resolution	1920 x 1080		2560 x 1440		
Aspect Ratio	16:9				
Brightness (nits)	300 (typ.)		250 (typ.)		
Contrast Ratio	3000:1			2500:1	
Refresh Rate	170Hz				
Response Time	1ms (MPRT)				
I/O	 HDMI Port x2 DisplayPort x1 Headphone Jack x1 Power Jack x1 				
View Angles	178°(H) , 178°(V)				
DCI-P3*/ sRGB	85% / 115% 85% / 110%				
Surface Treatment	Anti-glare				
Display Colors	16.7M (8 bit)		1.07B (8 bits + FRC)		
Monitor Power Options	100~240Vac, 50/60Hz, 1.1A		19V ==== 2.58A	19V ==== 3.42A	
	Power On < 26W	Power On < 32W			
Power Consumption (Typical)	Standby < 0.5W				
	Power Off < 0.3W				

Model		G271C E2 G321C E2		G271CQP E2	G321CQP E2	
External Powe	er Supply			Model: ADS- 65HI-19A-1 19050E	Model: ADS- 65HI-19A-1 19065E	
Power Input				100~240Vac, 50~60Hz, 1.5A max	100~240Vac, 50~60Hz, 1.5A max	
Power Output				19.0V 2.58A	19.0V 3.42A	
Adjustment (T	ilt)	-5° ~ 20°				
Adjustment (H	eight)			0 ~ 90mm		
Adjustment (S	wivel)			-30° ~ 30°		
Adjustment (P	ivot)			-5° ~ 5°		
Kensington Lock		Yes				
VESA Mounting		 Plate Type: 75 x 75 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)		606.50 x 482.20 x 245.60 mm	704.62 x 512.27 x 227.40 mm	606.40 x 438.40 x 289.40 mm	704.62 x 558.38 x 286.95 mm	
Weight		5.60 Kg 6.90 Kg (net) (net) 7.80 Kg 9.55 Kg (gross) (gross)		5.65 Kg 6.95 Kg (net) (net) 8.30 Kg 9.50 Kg (gross) (gross)		
Environment	Operating	 Temperature: 0°C to 40°C Humidity: 20% to 90%, non-condensng Altitude: 0 ~ 5000m 				
	Storage	 Temperature: -20°C to 60°C Humidity: 10% to 90%, non-condensing 				

* Based on CIE1976 test standards.

Preset Display Modes

Important

Standard	Resol	Resolution		G271C E2 G321C E2		G271CQP E2 G321CQP E2	
			HDMI	DP	HDMI	DP	
Full HD	1920x1080	@60Hz	V	V			
		ି 120Hz	V	V			
		@144Hz	V	V			
		@165Hz	V	V			
		@170Hz		۷*			
QHD	2560x1440	@60Hz			V	V	
		@120Hz			V	V	
		@144Hz			V	V	
		@165Hz				V	
		@170Hz				۷*	
Video	720P		V	V	V	٧	
Timing Resolution	1080P	@60Hz	V	V	V	V	
		@120Hz	V	V	V	V	
	2160P	@30Hz			V	V	
		@60Hz			V	V	
PBP Mode	1280x1440@60Hz				V	V	

All information is subject to change without prior notice.

* Users have to set DP OverClocking to ON. This is the highest refresh rate supported by DP OverClocking. If any monitor error occurs during overclocking, please downscale the refresh rate.

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.

Battery

Please take special precautions if this device comes with a battery.

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
- Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, which can result in an explosion.
- Avoid leaving a battery in an extremely high temperature or extremely low air pressure environment that can result in an explosion or the leakage of flammable liquid or gas.
- Do not ingest battery. If the coin/button cell battery is swallowed, it can cause severe internal burns and can lead to death. Keep new and used batteries away from children.

European Union:



Batteries, battery packs, and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.

Taiwan:



廢電池請回收

For better environmental protection, waste batteries should be collected separately for recycling or special disposal.

California, USA:



The button cell battery may contain perchlorate material and requires special handling when recycled or disposed of in California. For further information please visit: https://dtsc.ca.gov/perchlorate/

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.
- Turn on the optional Low Blue Light function.

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.)





Low Blue Light

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



(F

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, \mathbb{N}° 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.

Warning!

Overuse of screens is likely to affect eyesight.

Recommendations:

- 1. Take a 10-minute break for every 30 minutes of screen time.
- 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'l Co., Ltd. All rights reserved. The MSI logo used is a registered trademark of Micro-Star Int'l 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.

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.

