



MAG Series

LCD Monitor

MAG 276QE27 (3CAD)

MAG 276QP42 (3CAD)

User Guide

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Revision

V1.0, 2026/05

Getting Started

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

Package Contents

Monitor	MAG 276QE27	MAG 276QP42
Documentation	Quick Start Guide	
Accessories	Stand	
	Stand Base	
	External Power Supply	
	Power Cord	
		VESA Wall Mount Screw(s)
Cables	DisplayPort Cable (Optional)	



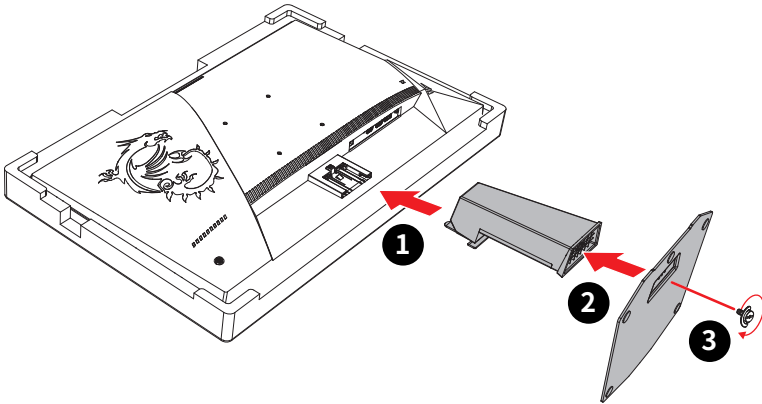
Important

- 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.

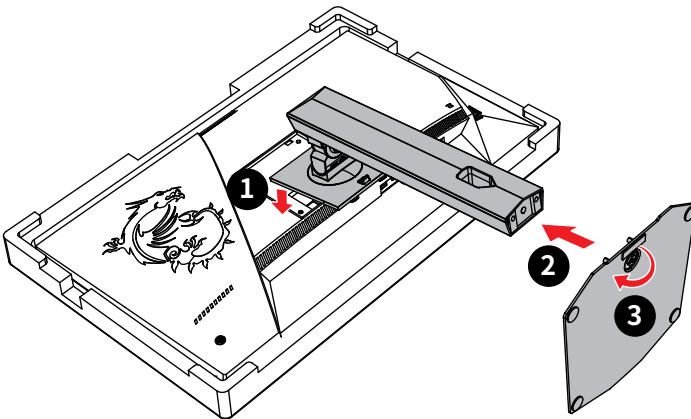
Installing the Monitor Stand

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.

MAG 276QE27

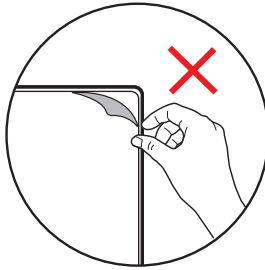


MAG 276QP42



 **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.
- 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.

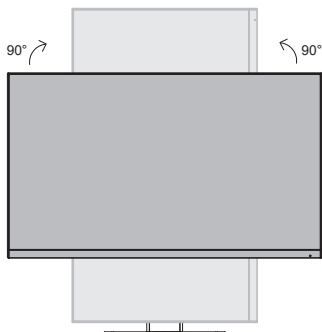
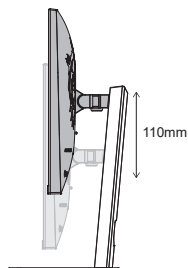
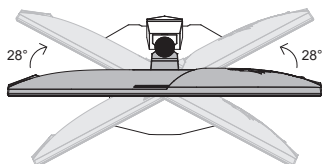
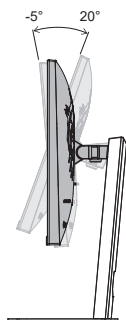


Avoid touching the display panel when adjusting the monitor.

MAG 276QE27

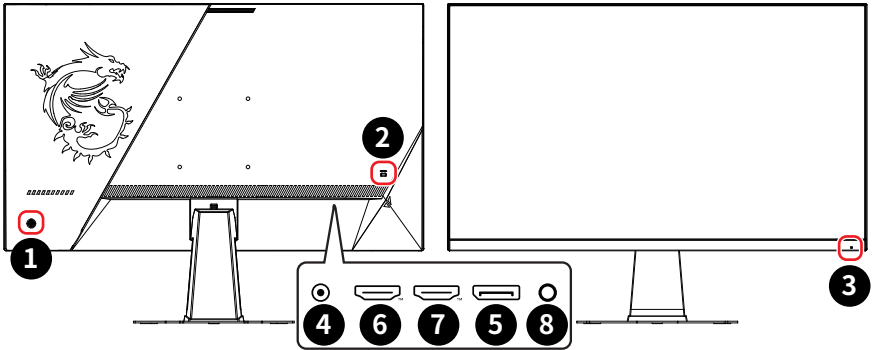


MAG 276QP42

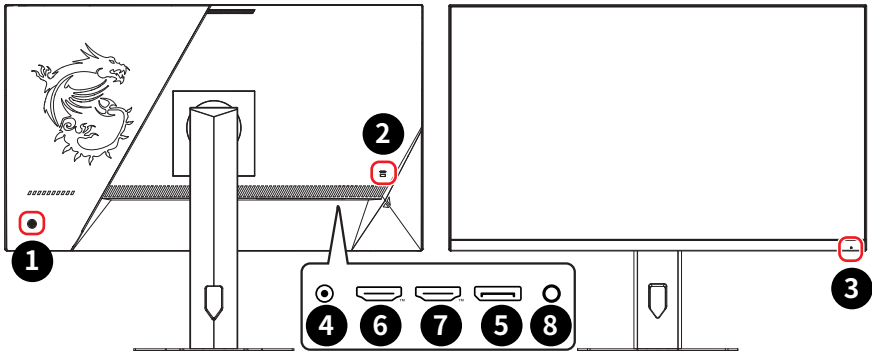


Monitor Overview





MAG 276QE27



MAG 276QP42



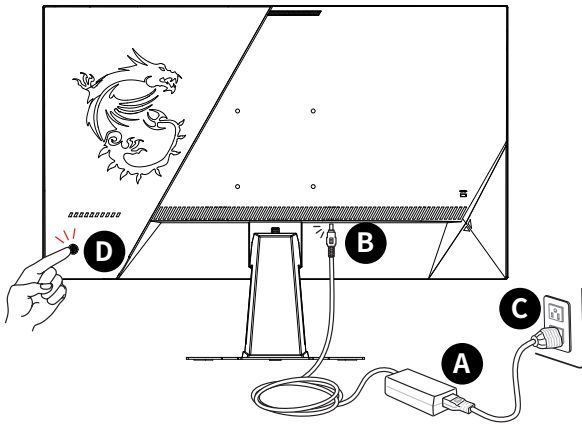
1	Power Button & Navi Key
2	Kensington Lock
3	Power LED Lit in white after the monitor is turned on. If no signal input, the LED will turn into orange. Lit in orange when the monitor is in Stand-by mode.
4	Power Jack

<p>5</p>	<p>DisplayPort</p> <p>MAG 276QE27</p> <p>Supports 2560x1440@275Hz as specified in DisplayPort 1.4a (HBR3).</p> <p>MAG 276QP42</p> <p>Supports 2560x1440@425Hz as specified in DisplayPort 1.4a (HBR3).</p>
<p>6</p>	<p>HDMI™ Connector  <small>HIGH-DEFINITION MULTIMEDIA INTERFACE</small></p> <p>MAG 276QE27</p> <p>Supports HDMI™ CEC, 2560x1440@275Hz as specified in HDMI™ 2.1 (FRL 8G).</p> <p>MAG 276QP42</p> <p>Supports HDMI™ CEC, 2560x1440@425Hz as specified in HDMI™ 2.1 (FRL 6G).</p> <p> Important</p> <p><i>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.</i></p>
<p>7</p>	<p>HDMI™ Connector  <small>HIGH-DEFINITION MULTIMEDIA INTERFACE</small></p> <p>MAG 276QE27</p> <p>Supports 2560x1440@275Hz as specified in HDMI™ 2.1 (FRL 8G).</p> <p>MAG 276QP42</p> <p>Supports 2560x1440@425Hz as specified in HDMI™ 2.1 (FRL 6G).</p> <p> Important</p> <p><i>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.</i></p>
<p>8</p>	<p>Headphone Jack</p>

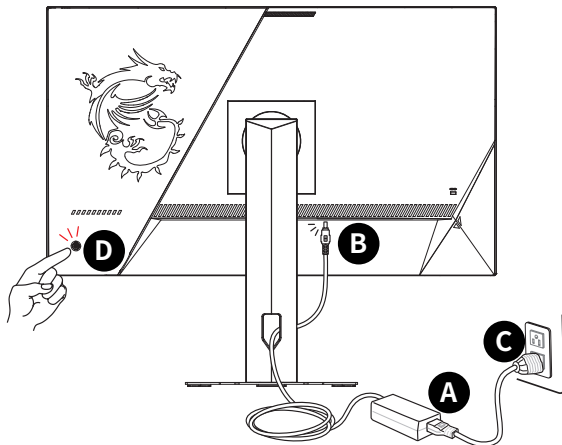
Connecting the Monitor to PC

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.

MAG 276QE27



MAG 276QP42



OSD Setup

This chapter provides you with essential information on OSD Setup.

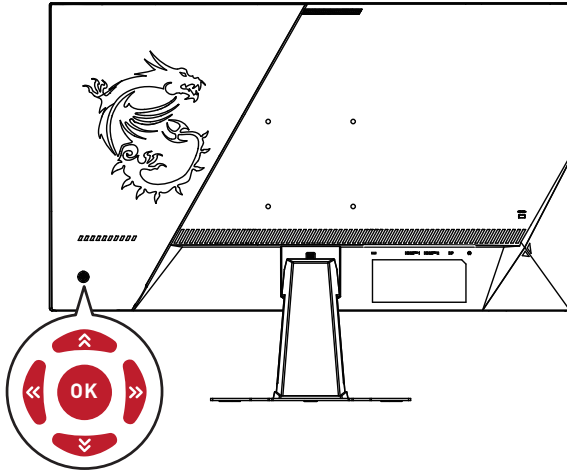


All information is subject to change without prior notice.

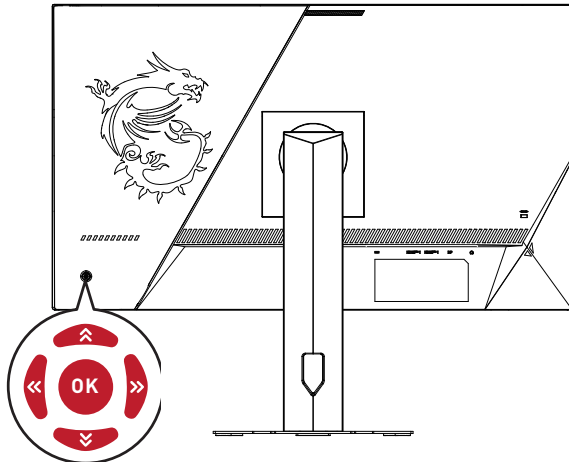
Navi Key

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

MAG 276QE27



MAG 276QP42



Up/Down/Left/Right:

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

Middle:

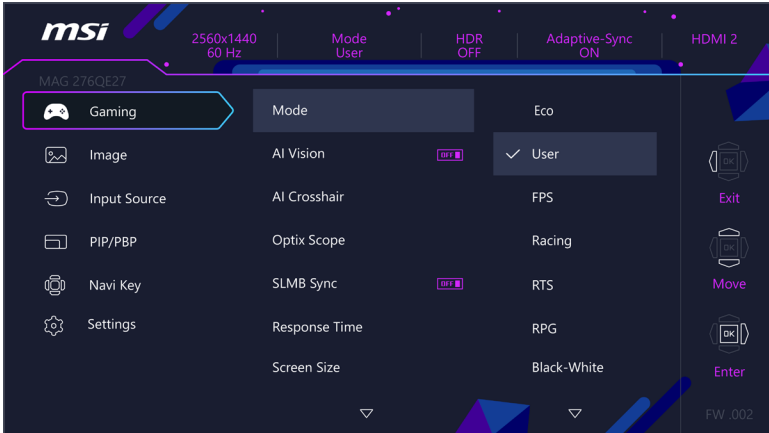
- launching the On-Screen Display (OSD)
- entering submenus
- confirming a selection or setting

Hot Key

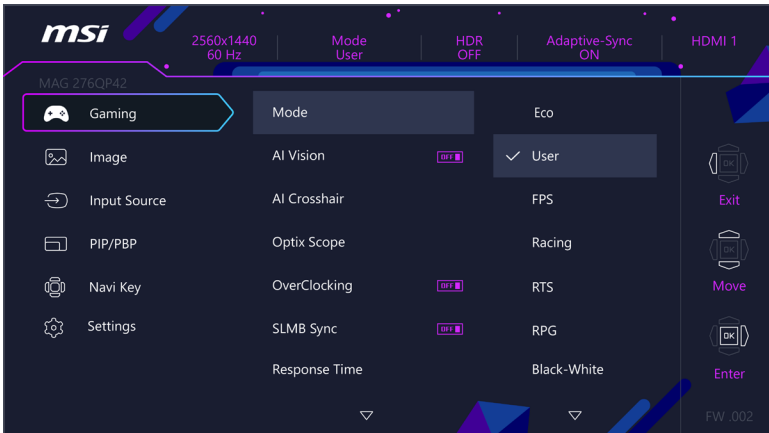
- Users may enter into preset function menus by moving the Navi Key up, down, left or right when the OSD menu is inactive.
- Users may customize their own Hot Keys to enter into different function menus.

OSD Menu

MAG 276QE27



MAG 276QP42




Important


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

- AI vision
- Low Blue Light
- SLMB Sync
- Brightness
- Contrast
- Color Temperature
- Optix Scope
- PIP/PBP
- Gamma
- sRGB Mode
- Display P3 Mode
- Black-White Mode

Gaming

1st Level Menu	2nd/3rd Level Menu		Description					
Mode	Eco		<ul style="list-style-type: none"> Use Up or Down Button to select and preview mode effects. Press the OK Button to confirm and apply your mode type. 					
	User							
	FPS							
	Racing							
	RTS							
	RPG							
	Black-White							
	sRGB							
	Display P3							
AI Vision	OFF		<ul style="list-style-type: none"> AI Vision enhances image quality by optimizing the contrast of images and background brightness. Activating AI Vision will affect: <table border="1" data-bbox="586 660 921 762"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» HDCR</td> <td rowspan="2">Unable to select</td> </tr> <tr> <td>» Brightness</td> </tr> </tbody> </table> 	Affected Function	Function Status	» HDCR	Unable to select	» Brightness
	Affected Function	Function Status						
» HDCR	Unable to select							
» Brightness								
ON								
AI Crosshair	Icon	None	<ul style="list-style-type: none"> Through AI algorithm, this function enhances the visibility of in-game crosshair. Users can select the color and position of the crosshair. 					
								
	Color	White						
		Red						
		Auto						
	Position							
Reset								

1st Level Menu	2nd/3rd Level Menu		Description									
Optix Scope	Scope Size	Small	<ul style="list-style-type: none"> The center point will zoom in when Optix Scope is enabled, user can adjust the details through the “Scope Size” and “Scope Ratio” settings. Screen Assistance and Optix Scope can be enabled at the same time. Smart Crosshair and Optix Scope can be enabled at the same time. » Activating Optix Scope will affect:									
		Medium										
		Large										
	Scope Ratio	x1.5										
		x2										
		x4										
OFF												
ON												
		<table border="1"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» SLMB Sync</td> <td rowspan="3">Unable to select Set to OFF</td> </tr> <tr> <td>» Adaptive-Sync</td> </tr> <tr> <td>» PIP/PBP</td> </tr> </tbody> </table>	Affected Function	Function Status	» SLMB Sync	Unable to select Set to OFF	» Adaptive-Sync	» PIP/PBP				
Affected Function	Function Status											
» SLMB Sync	Unable to select Set to OFF											
» Adaptive-Sync												
» PIP/PBP												
OverClocking (MAG 276QP42)	OFF		<ul style="list-style-type: none"> To overclock the monitor refresh rate, users have to set DP OverClocking to ON. To reach maximum resolution of 2560x1440 @425Hz, users have to set DP OverClocking to ON. Before overclocking, make sure your graphics card supports the maximum timing bandwidth of 2560x1440 @425Hz and uses a DP connection. » Activating Optix Scope will affect:									
	ON											
		<table border="1"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» PIP/PBP</td> <td>Unable to select Set to OFF</td> </tr> </tbody> </table>	Affected Function	Function Status	» PIP/PBP	Unable to select Set to OFF						
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» PIP/PBP	Unable to select Set to OFF											
SLMB Sync	OFF		<ul style="list-style-type: none"> SLMB is available when the refresh rate is over 85Hz. » Activating SLMB Sync will affect:									
	ON											
		<table border="1"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» Brightness</td> <td rowspan="6">Unable to select Set to OFF</td> </tr> <tr> <td>» HDCR</td> </tr> <tr> <td>» PIP/PBP</td> </tr> <tr> <td>» Optix Scope</td> </tr> <tr> <td>» AI Vision</td> </tr> <tr> <td>» Screen Size</td> </tr> <tr> <td>» Response Time</td> </tr> </tbody> </table>	Affected Function	Function Status	» Brightness	Unable to select Set to OFF	» HDCR	» PIP/PBP	» Optix Scope	» AI Vision	» Screen Size	» Response Time
Affected Function	Function Status											
» Brightness	Unable to select Set to OFF											
» HDCR												
» PIP/PBP												
» Optix Scope												
» AI Vision												
» Screen Size												
» Response Time												
Response Time	Normal		<ul style="list-style-type: none"> Setting to Fastest will reach the shortest response time and help improve blurred images when playing very fast games. 									
	Fast											
	Fastest											

1st Level Menu	2nd/3rd Level Menu	Description				
Screen Size	Auto	<ul style="list-style-type: none"> Users can adjust Screen Size in any mode, any resolution and any screen refresh rate.  Important <i>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.</i>				
	4:3 (Forced)					
	16:9 (Forced)					
	1:1 (by pixel)		OFF			
			ON			
			Vertical Position			
			Position Reset			
	24.5" (by pixel)		OFF			
			ON			
			Vertical Position			
Position Reset						
DSC (MAG 276QP42)	OFF	<ul style="list-style-type: none"> Users can toggle DSC (Display Stream Compression) on/off. For more DSC timing information, please check Preset Display Modes for DSC On/Off timing tables. Activating DSC will affect: <table border="1"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» PIP/PBP</td> <td>Unable to select</td> </tr> </tbody> </table>	Affected Function	Function Status	» PIP/PBP	Unable to select
	Affected Function		Function Status			
» PIP/PBP	Unable to select					
ON						
HDMI™ 2.1	PC	<ul style="list-style-type: none"> The Console mode offers broader compatibility with more console devices. 				
	Console					
Refresh Rate	Location	<ul style="list-style-type: none"> 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 System's preset Screen Refresh Rate. 				
			Left Top			
			Right Top			
			Left Bottom			
			Right Bottom			
	Customize					
OFF						
ON						

1st Level Menu	2nd/3rd Level Menu		Description					
Alarm Clock	Location	Left Top	<ul style="list-style-type: none"> After setting the time, press the OK Button to activate the timer. Users have to manually restore their preset Alarm Clock after any AC power loss and reconnection. 					
		Right Top						
		Left Bottom						
		Right Bottom						
		Customize						
	OFF							
	15:00	00:01 ~ 99:59						
	30:00							
45:00								
60:00								
Adaptive-Sync	OFF		<ul style="list-style-type: none"> Adaptive-Sync prevents screen tearing. Activating Adaptive-Sync will affect: <table border="1" data-bbox="586 611 921 699"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» Optix Scope</td> <td rowspan="2">Set to OFF</td> </tr> <tr> <td>» PIP/PBP</td> </tr> </tbody> </table> 	Affected Function	Function Status	» Optix Scope	Set to OFF	» PIP/PBP
	Affected Function	Function Status						
» Optix Scope	Set to OFF							
» PIP/PBP								
ON								

Image

1st Level Menu	2nd/3rd Level Menu		Description
Brightness	0-100		<ul style="list-style-type: none"> Properly adjust Brightness according to the surrounding lighting.
Contrast	0-100		<ul style="list-style-type: none"> Properly adjust Contrast to relax your eyes.
Color Temperature	5000K		<ul style="list-style-type: none"> Use Up or Down Button to select and preview mode effects. Press the OK Button to confirm and apply your mode type.
	6500K		
	7500K		
	9300K		
	10000K		
	Customize	R (0-100)	
	G (0-100)		
	B (0-100)		
Gamma	Native		<ul style="list-style-type: none"> Adjust this setting when the coloration of an original item is not accurately reflected in the monitor.
	1.8		
	2.0		
	2.2		
	2.4		
	2.6		
Saturation	0-100		<ul style="list-style-type: none"> Users can fine-tune the setting values to adjust display saturation.

1st Level Menu	2nd/3rd Level Menu	Description							
Six-Axis Color	R (0-100)	<ul style="list-style-type: none"> This feature allows users to independently adjust the intensity and saturation of six primary and secondary colors. 							
	G (0-100)								
	B (0-100)								
	C (0-100)								
	M (0-100)								
	Y (0-100)								
Low Blue Light	OFF	<ul style="list-style-type: none"> Low Blue Light protects your eyes against blue light. When enabled, Low Blue Light adjusts the screen color temperature to a more yellow glow. This monitor is a Low Blue Light monitor which will decrease the blue light emitted without adjusting the OSD settings. 							
	ON								
HDCR	OFF	<ul style="list-style-type: none"> HDCR enhances image quality by increasing the contrast of images. Activating HDCR will affect: <table border="1" data-bbox="566 639 916 759"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» Brightness</td> <td>Unable to select</td> </tr> <tr> <td>» SLMB Sync</td> <td rowspan="2">Set to OFF</td> </tr> <tr> <td>» AI Vision</td> </tr> </tbody> </table> 	Affected Function	Function Status	» Brightness	Unable to select	» SLMB Sync	Set to OFF	» AI Vision
	Affected Function		Function Status						
» Brightness	Unable to select								
» SLMB Sync	Set to OFF								
» AI Vision									
	ON								
Sharpness	0-5	<ul style="list-style-type: none"> Sharpness improves clarity and details of images. 							
Image Enhancement	OFF	<ul style="list-style-type: none"> Image Enhancement enhances image edges to improve their acutance. 							
	Level 1								
	Level 2								
	Level 3								
	Level 4								
	Level 5								

Input Source

1st Level Menu	2nd Level Menu	Description
HDMI™ 1		<ul style="list-style-type: none"> Users can adjust Input Source in any mode.
HDMI™ 2		
DP		
Auto Scan	OFF	<ul style="list-style-type: none"> Users can use the Navi Key to select Input Source at below status: <ul style="list-style-type: none"> While “Auto Scan” is set to “OFF” with the monitor at power saving mode; While “No Signal” message box is shown on the monitor.
	ON	

PIP/PBP

1st Level Menu	2nd/3rd Level Menu	Description										
PIP	OFF	<ul style="list-style-type: none"> PIP (Picture in Picture) allows users to simultaneously display multiple video sources on one screen. One program is displayed on the full screen at the same time as one or more other programs are displayed in inset windows. PBP (Picture by Picture) is a similar feature that displays two input sources side-by-side on the screen. Display Switch allows users to switch between primary and secondary input sources. If there is only one signal input, the Display Switch and Audio Switch will be grayed out. When PIP/PBP is enabled on HDMI™ 1, the sub-signal source only supports HDMI™ 1 and DP. (MAG 276QE27) When PIP/PBP is enabled under HDMI™ 2, the sub-signal source only supports the selection of HDMI™ 2 and DP. (MAG 276QE27) Activating PIP/PBP will affect: <table border="1" data-bbox="551 687 932 943"> <thead> <tr> <th>Affected Function</th> <th>Function Status</th> </tr> </thead> <tbody> <tr> <td>» Response Time » HDMI™ 2.1</td> <td>Unable to select</td> </tr> <tr> <td>» Adaptive-Sync » Optix Scope</td> <td>Set to OFF</td> </tr> <tr> <td>» HDMI™ CEC</td> <td>Set to OFF & unable to select</td> </tr> <tr> <td>» Screen Size 1:1</td> <td>Set to Auto & unable to select</td> </tr> </tbody> </table> 	Affected Function	Function Status	» Response Time » HDMI™ 2.1	Unable to select	» Adaptive-Sync » Optix Scope	Set to OFF	» HDMI™ CEC	Set to OFF & unable to select	» Screen Size 1:1	Set to Auto & unable to select
	Affected Function		Function Status									
	» Response Time » HDMI™ 2.1		Unable to select									
	» Adaptive-Sync » Optix Scope		Set to OFF									
	» HDMI™ CEC		Set to OFF & unable to select									
	» Screen Size 1:1		Set to Auto & unable to select									
	ON											
	Sub Input		HDMI™ 1									
			HDMI™ 2									
			DP									
	Sub Size		Small									
			Medium									
			Large									
	Sub Ratio		Auto									
Full Screen												
Location	Left Top											
	Right Top											
	Left Bottom											
	Right Bottom											
	Customize											
Display Swap												
Audio Swap												
PBP	OFF	<ul style="list-style-type: none"> » HDMI™ CEC » Screen Size 1:1 										
	ON											
	Sub Input		HDMI™ 1									
			HDMI™ 2									
			DP									
	PBP Layout		1:1									
			Customize									
	Display Swap											
Audio Swap												





Navi Key

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

Settings

1st Level Menu	2nd Level Menu	Description
Language	简体中文	<ul style="list-style-type: none"> Users have to press the OK Button to confirm and apply the Language setting. Language is an independent setting. Users' own language setting will override the factory default. When users set Reset to Yes, Language will not be changed.
	English	
OSD Position	Adjust	<ul style="list-style-type: none"> This feature adjusts the location of the OSD menu on the screen for user convenience.
	Reset	
OSD Rotate (MAG 276QP42)	0 Degree	<ul style="list-style-type: none"> This feature allows users to rotate the OSD menu display to match the screen orientation.
	-90 Degree	
	+90 Degree	
OSD Transparency	0~5	<ul style="list-style-type: none"> Users can adjust Transparency in any mode.
OSD Time Out	5~30s	<ul style="list-style-type: none"> Users can adjust OSD Time Out in any mode.
Info. On Screen	OFF	<ul style="list-style-type: none"> The information of the monitor status will be shown on the right side of the screen.
	ON	
HDMI™ CEC	OFF	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.
	ON	
Ultra Low Power	OFF	<ul style="list-style-type: none"> This setting reduces power consumption for more energy-efficient operation.
	ON	
Power LED	OFF	<ul style="list-style-type: none"> Users can toggle the Power LED on/off. During the Panel Protect process, the power LED indicator will blink orange until the process is complete.
	ON	
Audio Volume	0-100	<ul style="list-style-type: none"> Users can adjust Audio Volume in any mode.
	Mute	
Service Info.	FW Version	<ul style="list-style-type: none"> View product service details, such as firmware version and serial number, in this setting.
	Serial Number	
Reset	YES	<ul style="list-style-type: none"> Users can Reset and restore settings to original OSD Default in any mode.
	NO	

Specifications*

Monitor	MAG 276QE27	MAG 276QP42
Size	27 inch	
Curvature	Flat	
Panel Type	Rapid IPS	
Resolution	2560x1440 (WQHD)	
Aspect Ratio	16:9	
SDR Brightness (nits)	400	
Contrast Ratio	1000 : 1	
Refresh Rate	275Hz	425Hz
Response Time	0.5 ms (Min.)	
I/O	<ul style="list-style-type: none"> • DisplayPort x1 • HDMI™ Connector x 2 • Headphone Jack x1 	
View Angles	178°(H) , 178°(V)	
DCI-P3**/ sRGB	95%/ 121.11%	95%/ 129.59%
Surface Treatment	Anti-glare	
Display Colors	1.07B, 10bits (8bits + FRC)	
Monitor Power Options	19V  3A	19V  3.9A
External Power Supply***	Model: SOY-1900300-327	Model: CW75A1903900PI
Power Input	100~240V, 50/60Hz, 1.7A	100~240V, 50/60Hz, 1.8A
Power Output	19V  3A	19V  3.9A
Adjustment (Height)		0 ~ 110mm
Adjustment (Tilt)	-5° ~ 20°	-5° ~ 20°
Adjustment (Swivel)		-28° ~ 28°
Adjustment (Pivot)		-90° ~ 90°
Kensington Lock	Yes	

Monitor		MAG 276QE27	MAG 276QP42
VESA Mounting		<ul style="list-style-type: none"> • Plate Type: 100 x 100 mm • Screw Type: M4 x 10 mm <ul style="list-style-type: none"> • Thread Diameter: 4 mm • Thread Pitch: 0.7 mm • Thread Length: 10 mm • VESA Screw Type: <ul style="list-style-type: none"> • Male Thread: M4 x 8 mm • Female Thread: M4 • Screw Length: 21 mm + 8 mm (Male Thread) 	
Dimension (W x D x H)		614.6 x 469 x 214.9 mm	614.6 x 511.3 x 231.8 mm
Weight	Net	4.55 kg	5.53 kg
	Gross	6.33 kg	7.40 kg
Environment	Operating	<ul style="list-style-type: none"> • Temperature: 0°C to 40°C • Humidity: 20% to 90%, non-condensing • Altitude: 0 ~ 5000m 	
	Storage	<ul style="list-style-type: none"> • 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.

*** The type of power adapter provided may differ by region and is subject to change by the manufacturer without notice.

Preset Display Modes



- All information is subject to change without prior notice.
- HDMI™ VRR (Variable Refresh Rate) synchronizes with Adaptive-Sync (ON/ OFF).

HDMI™ 2.1 Standard Mode (PC)

Standard	Resolution		MAG 276QE27		DSC ON	
			HDMI™	DP	MAG 276QP42	
					HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V
QHD	2560x1440	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
		@144Hz	V	V		
		@240Hz	V	V	V	V
		@275Hz	V (8bits)	V (8bits)		
		@320Hz			V	V
		@360Hz			V (10bits)	V (10bits)

Standard	Resolution		MAG 276QE27		DSC ON	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	720P	@120Hz	V	V	V	V
	1080P	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
HDMI™ VRR			V		V	

Standard	Resolution		MAG 276QE27		DSC OFF	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V
QHD	2560x1440	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
		@144Hz	V	V	V (8bits)	
		@240Hz	V	V		V (8bits)
		@275Hz	V (8bits)	V (8bits)		

Standard	Resolution		MAG 276QE27		DSC OFF	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	720P	@120Hz	V	V	V	V
	1080P	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
HDMI™ VRR			V		V	

HDMI™ 2.1 Standard Mode (Console)

Standard	Resolution		MAG 276QE27		DSC ON	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V

Standard	Resolution		MAG 276QE27		DSC ON	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
QHD	2560x1440	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
		@144Hz	V	V		
		@240Hz	V	V	V	V
		@275Hz	V (8bits)	V (8bits)		
		@320Hz			V	V
		@360Hz			V (10bits)	V (10bits)
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	720P	@120Hz	V	V	V	V
	1080P	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
	2160P	@30Hz	V		V	
		@50Hz	V		V	
		@60Hz	V		V	
		@120Hz			V	
HDMI™ VRR			V		V	

Standard	Resolution		MAG 276QE27		DSC OFF	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V

Standard	Resolution		MAG 276QE27		DSC OFF	
					MAG 276QP42	
			HDMI™	DP	HDMI™	DP
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V
QHD	2560x1440	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
		@144Hz	V	V	V (8bits)	
		@240Hz	V	V		V (8bits)
		@275Hz	V (8bits)	V (8bits)		
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	720P	@120Hz	V	V	V	V
	1080P	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
	2160P	@30Hz	V		V	
		@50Hz	V		V	
		@60Hz	V		V	
@120Hz				V		
HDMI™ VRR			V		V	

PIP Mode (Not Support HDR)

Standard	Resolution		MAG 276QE27		MAG 276QP42	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V
QHD	2560x1440	@60Hz	V	V	V	V
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	1080P	@60Hz	V	V	V	V

PBP 1:1/Customize (Not Support HDR)

Standard	Resolution		MAG 276QE27		MAG 276QP42	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Video Timing Resolution	480P		V	V	V	V
	576P		V	V	V	V
	720P		V	V	V	V
	1080P	@60Hz	V	V	V	V
Used for PBP Full Screen	1280x1440	@60Hz	V	V	V	V

24.5" Aspect Ratio Mode

Standard	Resolution		MAG 276QE27	
			HDMI™	DP
VGA	640x480	@60Hz	V	V
		@67Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
SVGA	800x600	@56Hz	V	V
		@60Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
XGA	1024x768	@60Hz	V	V
		@70Hz	V	V
		@75Hz	V	V
SXGA	1280x1024	@60Hz	V	V
		@75Hz	V	V
WXGA+	1440x900	@60Hz	V	V
WSXGA+	1680x1050	@60Hz	V	V
Full HD	1920x1080	@60Hz	V	V
24.5"	2232x1306	@60Hz	V	V
		@120Hz	V	V
		@144Hz	V	V
		@240Hz	V	V
		@275Hz	V (8bits)	V (8bits)
HDMI™ VRR			V	

OverClocking ON, DSC ON

Standard	Resolution		MAG 276QP42	
			HDMI™	DP
VGA	640x480	@60Hz	V	V
		@67Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
SVGA	800x600	@56Hz	V	V
		@60Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
XGA	1024x768	@60Hz	V	V
		@70Hz	V	V
		@75Hz	V	V
SXGA	1280x1024	@60Hz	V	V
		@75Hz	V	V
WXGA+	1440x900	@60Hz	V	V
WSXGA+	1680x1050	@60Hz	V	V
Full HD	1920x1080	@60Hz	V	V
QHD	2560x1440	@60Hz	V	V
		@120Hz	V	V
		@240Hz	V	V
		@320Hz	V	V
		@360Hz	V	V
		@400Hz	V	V
		@425Hz	V (10bits)	V (10bits)
Video Timing Resolution	480P		V	V
	576P		V	V
	720P		V	V
	720P	@120Hz	V	V
	1080P	@60Hz	V	V
		@120Hz	V	V
HDMI™ VRR			V	

OverClocking OFF - 24.5" Aspect Ratio Mode

Standard	Resolution		MAG 276QP42			
			DSC ON		DSC OFF	
			HDMI™	DP	HDMI™	DP
VGA	640x480	@60Hz	V	V	V	V
		@67Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
SVGA	800x600	@56Hz	V	V	V	V
		@60Hz	V	V	V	V
		@72Hz	V	V	V	V
		@75Hz	V	V	V	V
XGA	1024x768	@60Hz	V	V	V	V
		@70Hz	V	V	V	V
		@75Hz	V	V	V	V
SXGA	1280x1024	@60Hz	V	V	V	V
		@75Hz	V	V	V	V
WXGA+	1440x900	@60Hz	V	V	V	V
WSXGA+	1680x1050	@60Hz	V	V	V	V
Full HD	1920x1080	@60Hz	V	V	V	V
24.5"	2232x1306	@60Hz	V	V	V	V
		@120Hz	V	V	V	V
		@144Hz	V	V	V (10bits)	V
		@240Hz	V	V		V
		@300Hz				V (8bits)
		@320Hz	V	V		
		@360Hz	V (10bits)	V (10bits)		
HDMI™ VRR			V		V	

OverClocking ON, DSC ON - 24.5" Aspect Ratio Mode

Standard	Resolution		MAG 276QP42	
			HDMI™	DP
VGA	640x480	@60Hz	V	V
		@67Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
SVGA	800x600	@56Hz	V	V
		@60Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
XGA	1024x768	@60Hz	V	V
		@70Hz	V	V
		@75Hz	V	V
SXGA	1280x1024	@60Hz	V	V
		@75Hz	V	V
WXGA+	1440x900	@60Hz	V	V
WSXGA+	1680x1050	@60Hz	V	V
24.5"	2232x1306	@60Hz	V	V
		@120Hz	V	V
		@144Hz	V	V
		@240Hz	V	V
		@320Hz	V	V
		@360Hz	V	V
		@400Hz	V	V
		@425Hz	V (10bits)	V (10bits)
HDMI™ VRR			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.



Low Blue Light
(Hardware
Solution)
Flicker Free
www.tuv.com

- 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/SLMB is enabled. (The availability of Anti Motion Blur/MPRT/SLMB 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.

901 Canada Court, City of Industry, CA 91748, USA

(626) 913-0828

www.msi.com

WEEE Statement

European Union: This symbol on the product indicates that this product cannot be discarded as municipal waste. Instead, it is your responsibility to dispose of your waste electrical and electronic equipment by handing it over to a designated collection point for recycling. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



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.

Bangladesh RoHS Statement

This product shipped to Bangladesh complies with the RoHS requirements set forth in the Hazardous Waste (E-waste) Management Rules, 2021 by Government of Bangladesh.

For more information, please refer to: <https://csr.msi.com/global/bangladesh-rohs-statement>

Bangladesh E-waste Management Reminder

Please manage, dismantle, dispose of, or recycle e-waste properly as per the Environmental Protection Rules, 1997 to avoid the harm that may be caused to the environment and ecosystem, public interest and public health.

Material Declaration under India's Plastic Waste Management Rules:

INDOMSI COMPUTERS PRIVATE LIMITED

Regn. No.: IM-06-000-06-AAHCI0478A-25

Thickness \geq 50 microns

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 <https://csr.msi.com/global/pevn_ewaste> and locate a nearby distributor for further recycling information.
- 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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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.