

GfK Etilize Optix Series LCD Monitor User Guide

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GfK Etilize Optix Series LCD Monitor User Guide



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	Optix MAG274QRF / Optix MAG274QRF-QD		
	Quick Start Guide		
Documentation	Registration Card		
	Warranty Card		
	Stand with Screw(s)		
Accessories	Stand Base with Screw(s)		
	Power Adapter & Power Cord		
	HDMI Cable (Optional)		
Cables	DisplayPort Cable (Optional)		
	USB Upstream Cable (for USB Type B Upstream Port) (Optional)		

Important

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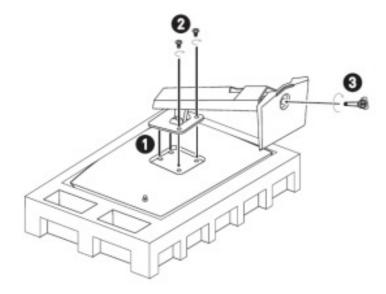
- Contact your place of purchase or local distributor if any of the items is damaged or missing.
- Package contents may vary by country

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.



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



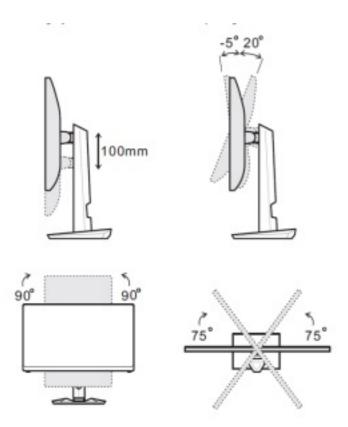
Adjusting the Monitor

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

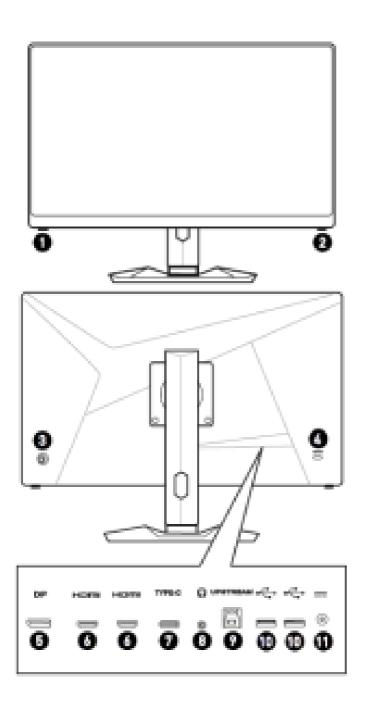


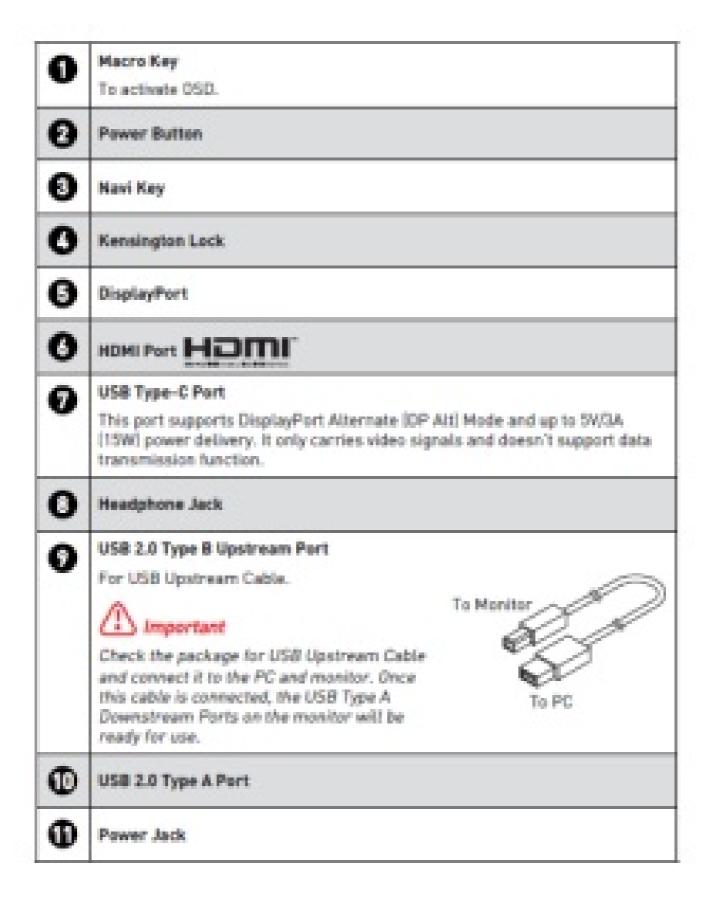
Avoid touching the display panel when adjusting the monitor.

··Please slightly tilt the monitor backwards before pivoting it.



Monitor Overview

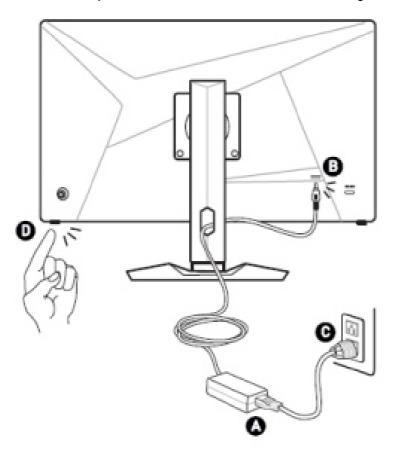




Connecting the Monitor to PC

- 1. Turn off your computer.
- 2. Connect the video cable from the monitor to your computer.
- 3. Assemble the monitor power adapter & power cord. (Figure A)
- 4. Connect the power adapter 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

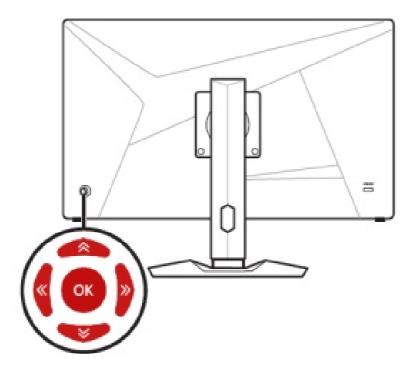
This chapter provides you with essential information on OSD Setup



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

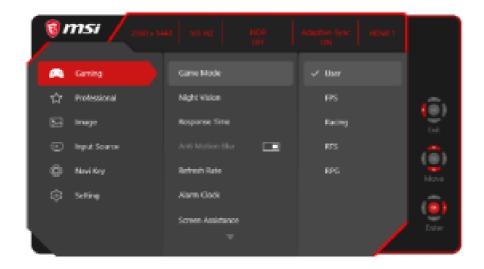
Press (OK):

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

Hot Key

- ··Users may enter into Game Mode, Screen Assistance, Alarm Clock and Input Source 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



Gaming

1st Level Menu	2nd/3rd Level Menu	Description
	User	
	FPS	· All items can be adjusted by users.
Game Mode	Racing	 Use Up or Down Button to select and preview mode effects. Press the OK Button to confirm and apply your mod
	RTS	e type.
	RPG	
	OFF	
	Normal	
Night Vision	Strong	· This function optimizes background brightness and i s recommended for FPS games.

	Strongest	
	A.I.	
	Normal	
Response Time	Fast	 Users can adjust Response Time in any mode. Response Time will be grayed out while Anti Motion Blur is enabled.
	Fastest	· Response Time have to set to Fast after Anti Motion Blur is disabled.

1st Level Menu	2nd/3rd Level Menu		Description
	OFF		· When Anti Motion Blur is enabled, HDCR and Bright
Anti Motion Blur	ON		ness cannot be enabled and will be grayed out. Response time will be grayed out while Anti Motion Blur is enabled. Anti Motion Blur has to be disabled while Adaptive-S ync is set to ON.
		Left Top	
		Right Top	
	Location		· Users can adjust Refresh Rate in any mode.

Refresh Rate		Left Bottom	Default Refresh Rate Location is Left Top. Location i s adjustable in OSD Menu. Press the OK Button to c onfirm and apply your Refresh Rate Location. This monitor follows and works at the Operating Sys
		Right Bottom	tem's preset Screen Refresh Rate.
	OFF		
	ON	-	
		Left Top	
		Right Top	
	Location	Left Bottom	
		Right Bottom	
		Customize	Users can adjust Alarm Clock in any mode. After setting the time, press the OK Button to activat e the timer.
Alarm Clock	OFF	1	Default Alarm Clock Location is Left Top. Users can select their own location.
	15:00	_	
	30:00	00:01 ~	

	45:00	99:59	
	60:00		
	None		
Screen Assistance	Icon		· Users can adjust Screen Assistance in any mode.
	Position		· Screen Assistance default is None.
	Reset		

1st Level Menu	2nd/3rd Level Menu	Description
	OFF	· Adaptive-Sync prevents screen tearing.
Adaptive-Sync	ON	DisplayPort or HDMI default is OFF and can be adjusted ON/OFF in any mode, any resolution, any input source and any screen refresh rate. Anti Motion Blur will be disabled if Adaptive-Sync is enabled.

Professional

1st Level Menu	2nd Level Menu	Description
	User	
	Reader	· Default mode is User.
Pro Mode		All items can be adjusted by users. Use Up or Down Button to select and preview mode effects.

	Cinema	· Press the OK Button to confirm and apply your mode type.
	Designer	
	OFF	Eye Saver protects your eyes against blue light. When
Eye Saver ON	ON	enabled, Eye Saver adjusts the screen color temperature to a more yellow glow. Users can adjust Eye Saver in any mode. When Pro Mode is set to Reader, it is mandatory to enable Eye Saver.
	OFF	
HDCR	ON	 Users can adjust HDCR in any mode. HDCR enhances image quality by increasing the contrast of images. When HDCR is set to ON, Brightness will be grayed out. HDCR and Anti Motion Blur cannot be enabled simultaneou sly.

OFF	
	 When Anti Motion Blur is enabled, HDCR and Brightness cannot be enabled and will be grayed out. Response time will be grayed out while Anti Motion Blur is e nabled.
ON	· Anti Motion Blur has to be disabled while Adaptive-Sync is s et to ON.

1st Level Menu	2nd Level Menu	Description
Image Enhancement	OFF	
	Weak	
	Medium	Image Enhancement enhances image edges to improve the ir acutance. Users can adjust Image Enhancement in any mode.
	Strong	
	Strongest	

Image

1st Level Menu	2nd/3rd Level Menu		Description
Brightness	0-100		Users can adjust Brightness in User, RTS, RP G and Reader mode. Brightness will be grayed out when Anti Motion Blur or HDCR are enabled.
Contrast	0-100		· Users can adjust Contrast in any mode.
Sharpness	0-5		Users can adjust Sharpness in any mode. Sharpness improves clarity and details of images.
	Cool		
	Normal		
	Warm		· Color Temperature default is Normal.
Color Temperature		R (0-100)	Use Up or Down Button to select and preview mode effects. Press the OK Button to confirm and apply your mode type. Users can adjust Color Temperature in Custo mization mode.

	Customization		
		G (0-100)	
		B (0-100)	
	Auto		
Screen Size	4:3		Users can adjust Screen Size in any mode, an y resolution and any screen refresh rate. Default is Auto.
	16:9		

Input Source

1st Level Menu	2nd Level Menu	Description	
HDMI1			
HDMI2		· Users can adjust Input Source in any mode.	
DP			
Type C			
OFF		· Users can use the Navi Key to select Input Source at below	
Auto Scan	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. 	

Navi Key

1st Level Menu	2nd Level Menu	Description
	OFF	
	Brightness	
	Game Mode	
Up / Down / Left	Screen Assistance	 Up Button default is Game Mode. Down Button default is Screen Assistance. Left Button default is Alarm Clock.
/ Right	Alarm Clock	Right Button default is Input Source. All Navi Key items can be adjusted via OSD Menus.
	Input Source	
	Refresh Rate	
	Information on Screen	

Setting

1st Level Menu	2nd Level Menu	Description

		English	
		Français	
		Deutsch	
		Italiano	
		Español	
	Language		 Language factory default is English. 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 Res et to Yes, Language will not be changed.
		Русский	
		Português	
		Bahasa Indonesia	
		Türkçe	
1			

	(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.	
DOD LED	OFF	· Users can adjust RGB LED to ON or OFF.	
RGB LED	ON	· Default is ON.	
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.	
Information on Scree n	OFF	The information of the monitor status will be shown on the	
	ON	right side of the screen. · Users can enable or disable the Information on Screen. De fault is OFF.	

1st Level Menu	2nd Level Menu	Description
	OFF	· Default is OFF.
HDMI CEC	ON	 HDMI CEC (Consumer Electronics Control) supports Sony PlayStation®, Nintendo® Switch™, and various audio-visua I devices that are CEC-capable. If HDMI CEC is set to ON: The monitor will automatically power on when the CEC de vice is turned on. The CEC device will enter power saving mode when the monitor is turned off. When Sony PlayStation® or Nintendo® Switch™ is conne cted, Game and Pro Mode will be automatically set to User mode (Default) and can be adjusted to users' preferred mod es later.
Reset	YES	· Users can Reset and restore settings to original OSD Defa ult in any mode.

Specifications

Model	Optix MAG274QRF	Optix MAG274QRF-QD	
Size	27 inch		
Curvature	Flat		
Panel Type	Rapid IPS		
Resolution	2560 x 1440 @165Hz		
Aspect Ratio	16:9		
Brightness (nits)	300 (typ.)		
Brightness: USB Type-C Power D elivery	· 0~69%: 5V/3A · 70~80%: 5V/2A · 81~100%: 5V/1A		
Contrast Ratio	1000:1		
Refresh Rate	165Hz		
Response Time	1ms (GTG)		

Input Interface	· HDMI x 2 · DP x 1 · USB Type-C (DP Alt Mode) x 1 (Up to 5V/3A power delivery)	
I/O	 USB 2.0 Type B x 1 (for PC to Monitor) USB 2.0 Type A x 2 Headphone Jack x 1 	
View Angles	178°(H) , 178°(V)	
DCI-P3*/ sRGB	94% / 131%	97% / 147%
Surface Treatment	Anti-glare	
Display Colors	1.07B (8 bit +FRC)	
Power Adapter Specs	· Option 1: DA-65C19 · Option 2: YJS065I-1903420D	
Power Input	100~240Vac, 50~60Hz, 1.6A Max	
Power Output	19.0V 3.42A	
Adjustment (Tilt)	-5° ~ 20°	

Adjustment (Height)	0 ~ 100mm

Model	Optix MAG274QRF	Optix MAG274QRF-QD
Adjustment (Swivel)	-75° ~ 75°	
Adjustment (Pivot)	-90° ~ 90°	
Kensington Lock	Yes	
VESA Mounting	 Plate Type: 100 x 100 mm Screw Type: M4 x 10 mm Thread Diameter: 4 mm Thread Pitch: 0.7 mm Thread Length: 10 mm 	
Dimension (W x H x D)	614.9 x 532.7 x 206.7 mm	
Weight	6.05 Kg (net) / 8.7 Kg (gross)	

Environment	Operating	 Temperature: 0°C to 40°C Humidity: 20% to 90%, non-condensing Altitude: 0 ~ 5000m
	Storage	· Temperature: -20°C to 60°C · Humidity: 10% to 90%, non-condensing

Preset Display Modes

Standard	Resolution		Optix MAG274QRF / Optix MAG274QRF-QD	
			НОМІ	DP/ Type-C
VGA	640×480	@60Hz	V	V
		@67Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
Dos-Mode	720×480	@60Hz	V	V
	720×576	@50Hz	V	V
		1	1	1

SVGA	800×600	@56Hz	V	V
		@60Hz	V	V
		@72Hz	V	V
		@75Hz	V	V
XGA	1024×768	@60Hz	V	V
		@70Hz	V	V
		@75Hz	V	V
SXGA	1280×1024	@60Hz	V	V
		@75Hz	V	V
WXGA+	1440×900	@60Hz	V	V
WSXGA+	1680×1050	@60Hz	V	V
Full HD	1920×1080	@60Hz	V	V
		@120Hz	V	V
		@165Hz	V	V

QHD	2560×1440	@60Hz	V	V
		@120Hz	V	V
		@144Hz	V	Х
		@165Hz	Х	V
Video Timing Res olution	480P		V	V
	576P		V	V
	720P		V	V
	1080P		V	V
	1080P @120Hz		V	V
	2160P @30Hz		V	V
	2160P @60Hz		V	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's manual should be noted.
- · Refer servicing to qualified personnel only.
- Keep the User's Guide that comes with the package for future reference.
- To prevent fire or shock hazard, keep this device away from humidity and high temperature.
- Lay this device on a reliable flat surface before setting it up.
- 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. Do not disable the protective earth pin from the plug. The device must be connected to an earthed mains socket-outlet.
- 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.
- The ventilator on the device is used for air convection and to prevent the device from overheating. Do not cover
 the ventilator.
- 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··
 - NOTE: 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.
- Place the power cord in a way that people are unlikely to step on it. Do not place anything on the power cord.
- 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 work according to user's manual.
- The device has dropped and damaged.
- The device has obvious sign of breakage.
- To prevent the monitor from tipping over, secure the monitor to a desk, wall or fixed object with a anti-tip fastener that helps to properly support the monitor and keep it safe in place.

Important

Please confirm the power distribution system in the installation site shall provide the circuit breaker rated 120/240V, 20A (maximum).

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



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://storage-asset.msi.com/html/popup/csr/evmtprtt_pcm.html

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://storage-asset.msi.com/html/popup/csr/cemm_jp.html

India RoHS

This product complies with the "India E-waste (Management and Handling) Rule 2011" 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 December 3, 2008 № 1057, 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.

Read More About This Manual & Download PDF:

Documents / Resources



References

- ® MSI Redirect
- · m csr
- · m csr
- Support | MSI Global

Manuals+,