

PRODUCT DATA SHEET



TGM-I27FQ

Gaming Monitor

Gaming Monitor

Product Name : TGM-I27FQ

Product NO : GM-GFT-27FTQB-US

Product Position : Gaming Monitor

SPECIFICATION

Size		27 inch
Model name		TGM-I27FQ
Opencell		Fast IPS
ID	Picture	
LCD Panel	Display size	27" Diagonal White LED-Backlight
	Brightness(Typical)	400nits
	Colour Gamut	DCI-P3 95%
	Contrast(Typical)	1000:1 (Typical)
	Active Area(mm)	596.736(H) x 335.664(V)
	Pixel Pitch(mm)	0.2331(H) x 0.2331(V)
	Resolution (H x V)	2560*1440
	Aspect Ratio	16:9
	Response Time(Typical)	GTG 1ms
	View Angles LR,UD(CR>10)	H 178°/ V 178°
	Panel Surface	Anti-glare
	Display Colors	1.07B colors (8bit+frc)
PC Input Range	Horizontal Freq.	50 to 240KHz
	Vertical Freq.	48 to 165Hz
	Max. display frequency (Resolution H*V/Fv)	2560*1440/165 Hz

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Interface	Input 1	HDMI 2.0x 2
	Input 2	DP 1.4 x1
	Input 3	Type-C x1(PD 15W)
	Input 4	USB-A x 2
Output Terminal	USB	USB-B x 1
	Earphone	Audio out x 1
	Speaker(Typic)	N/A
Power	Consumption(Typical)	On: ≤65W(Max) Standby≤0.5W, Off≤0.5W
	Power Range	AC 100-240V 50/60Hz
	Power Mode Indicator Light	Power on : White (LED) Power saving : White Flicker (LED)
Operating Condition	Temperature	0°C ~ 40°C
	Humidity	20% ~ 85%, non-condensing
Physical	Dimension (W*D*H)	613.5*262.9*543mm
	Packing Dimension (W*D*H)	708*270*470mm
	Net Weight	6.1kg
	Gross Weight	8.45kg
	Tilt	-5°±2°~ 20°±2°
	High Adjustable Arm	80 ± 3mm
	Swivel	'-30°(+/-2°) ~+30°(+/-2°)
	Pivot	'-90°(+/-2°) ~+90°(+/-2°)
	Kensington Lock	YES
	VESA Mounting	75 x 75mm

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Controls	Front Control	Menu, Left, Right Auto/Enter, Power
	On Screen Display	Standard OSD format
	Color	WARM,COOL, User Mode
	Preset Mode	Standard, Movie, Eye care,FPS,RTS
Accessory	Power Cable	YES (1.5M)
	Adapter	19V/3.42A
	VGA Cable	N/A
	Audio Cable	N/A
	DVI Cable	N/A
	HDMI-DVI Cable	N/A
	HDMI-HDMI Cable	N/A
	DP Cable	DP 1.2 (1.5M)
	User Manual(Paper)	YES
	Quick Start Guide(Paper)	YES
Green Product (Jan. 2009)		YES
HDMI Logo		YES
Certification		TBD
Windows 10		YES
Others		HDR 10, PC99 function(must) Flicker-free,blue-free G-SYNC Comptible/Freesync(Adaptive sync)

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FEATURES

- Immersive QHD (2560x1440) resolution brings fine details to life
- 165 Hz refresh rate for blur-free gameplay
- 1ms response time provides smooth visuals
- HDR 10 Compatible creates rich, contrasting environments
- Ultra-thin bezels provide an immersive edge-to-edge picture
- AMD FreeSync Premium / G-SYNC Compatible
- Flicker-free display with low blue light means less eye-straining for marathon game sessions

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ALL NEW TECH

Panel:27-in Fast IPS

Resolution: QHD
2560×1440

Refresh rate: 165Hz

1ms response time

Brightness: 400 nits



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AGE CROSSING TECHNOLOGICAL BREAKTHROUGH

The liquid crystal molecules of Rapid IPS display rotate as fast as the tornado. With the speed going up to 4x faster than normal liquid crystal molecules, the response time can be shortened to 1ms GTG (gray to gray) to eliminate monitor blur and provide crystal clear images.



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VIEW WIDER, FIGHT BETTER

Feature a WQHD panel that supports resolution up to 2560x1440. This 16:9 panel allows gamers to examine bigger game scenes compared to other traditional FHD panels, and put them ahead of other competitors.



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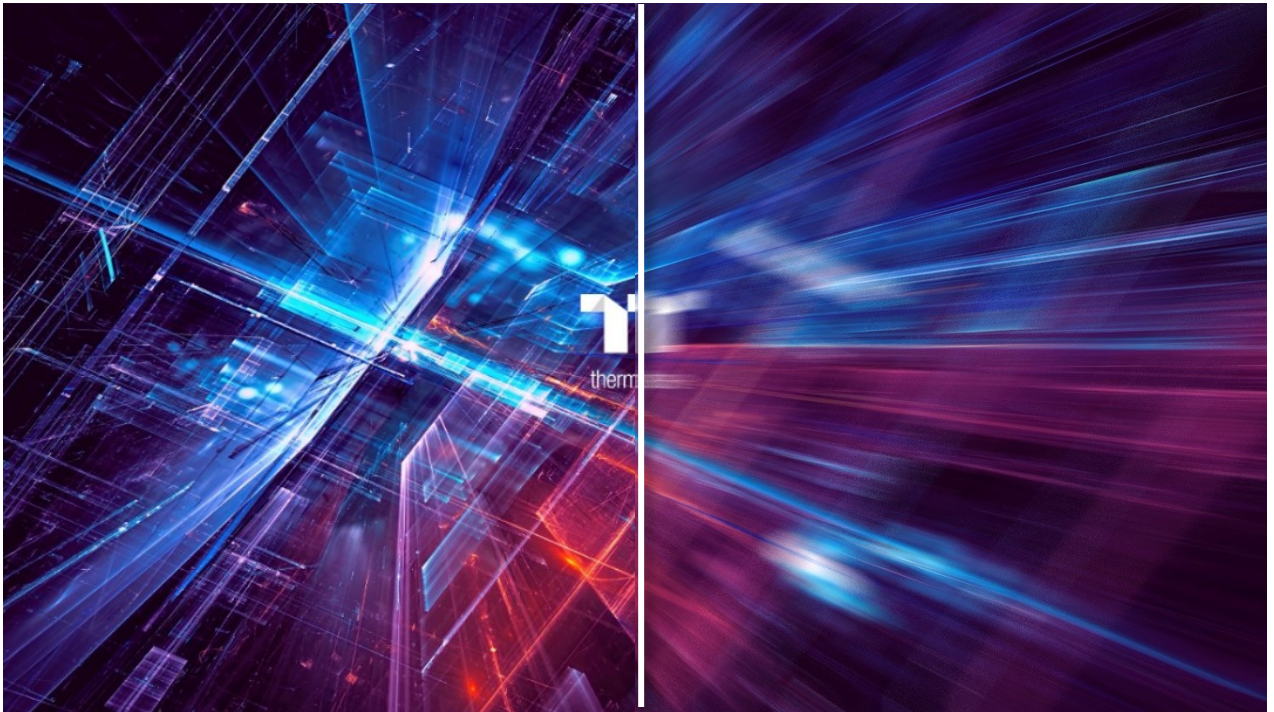
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SEE EVERY MOMENT AT ITS CLEAREST

Fast IPS display provides gamers with an ultra-fast 1ms GTG response time, which will significantly reduce monitor blur occurrence. The crystal clear image will certainly give you a competitive edge for precise decisions in fast-moving games.

**1ms
(GTG)**

5 ms



Gaming Monitor

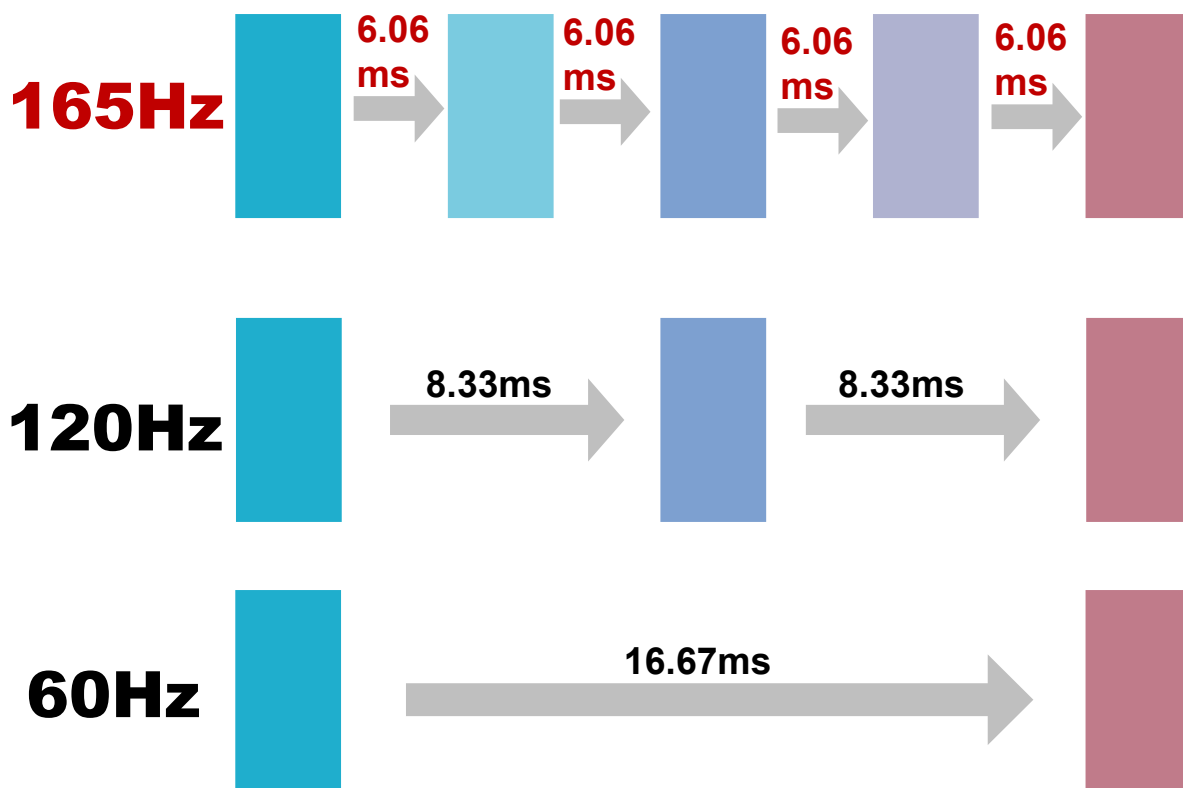
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165HZ REFRESH RATE + 1MS GTG RESPONSE TIME

Monitors are equipped with a 165hz refresh rate and 1ms GTG response time panel which has the most benefit in fast moving game genres such as first person shooters, fighters, racing sims, real-time strategy, and sports. These type of games require very fast and precise movements, which an ultra-high refresh rate and fast response time monitor will put you ahead of your competition.



Gaming Monitor

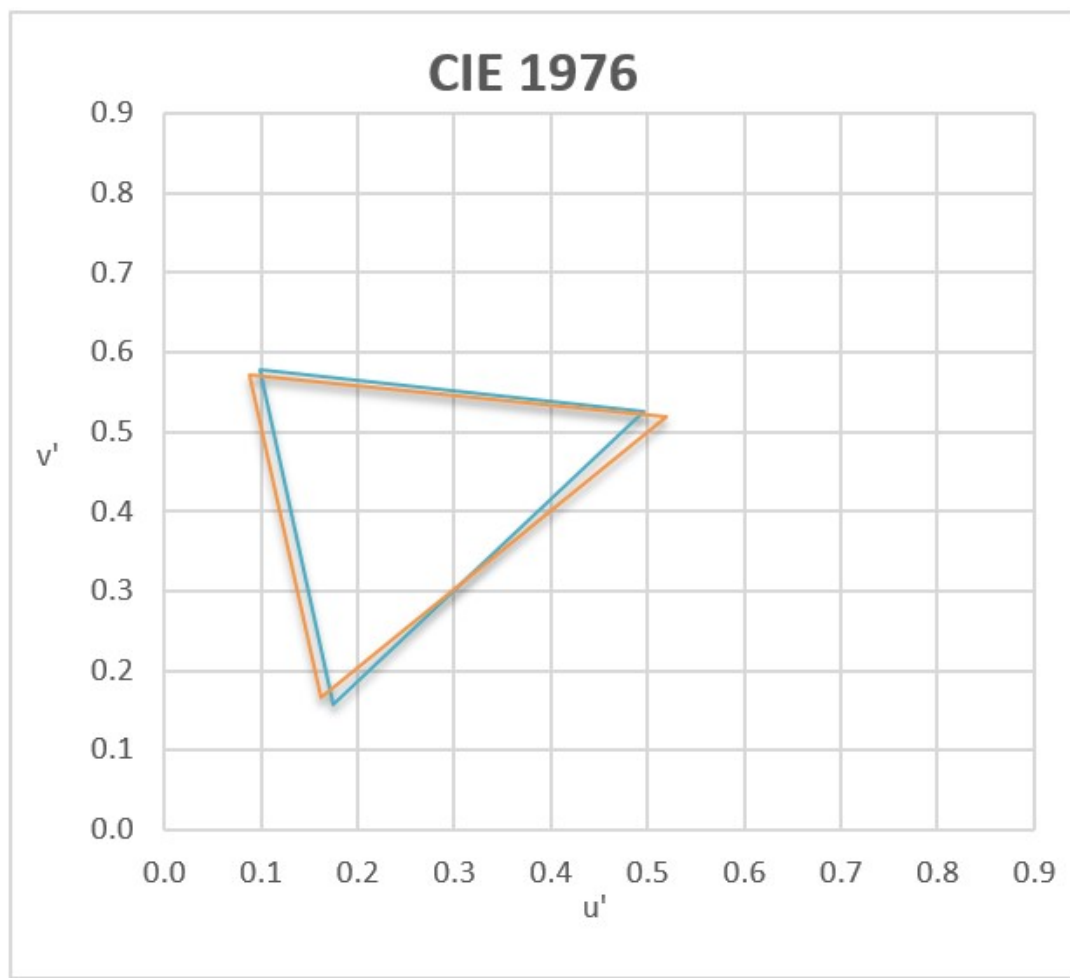
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Colour Gamut : DCI-P3 95%

The gaming monitors have more gamut coverage compared to general monitors. Gameplay colors and details will look more realistic and refined, pushing immersion to its limits.



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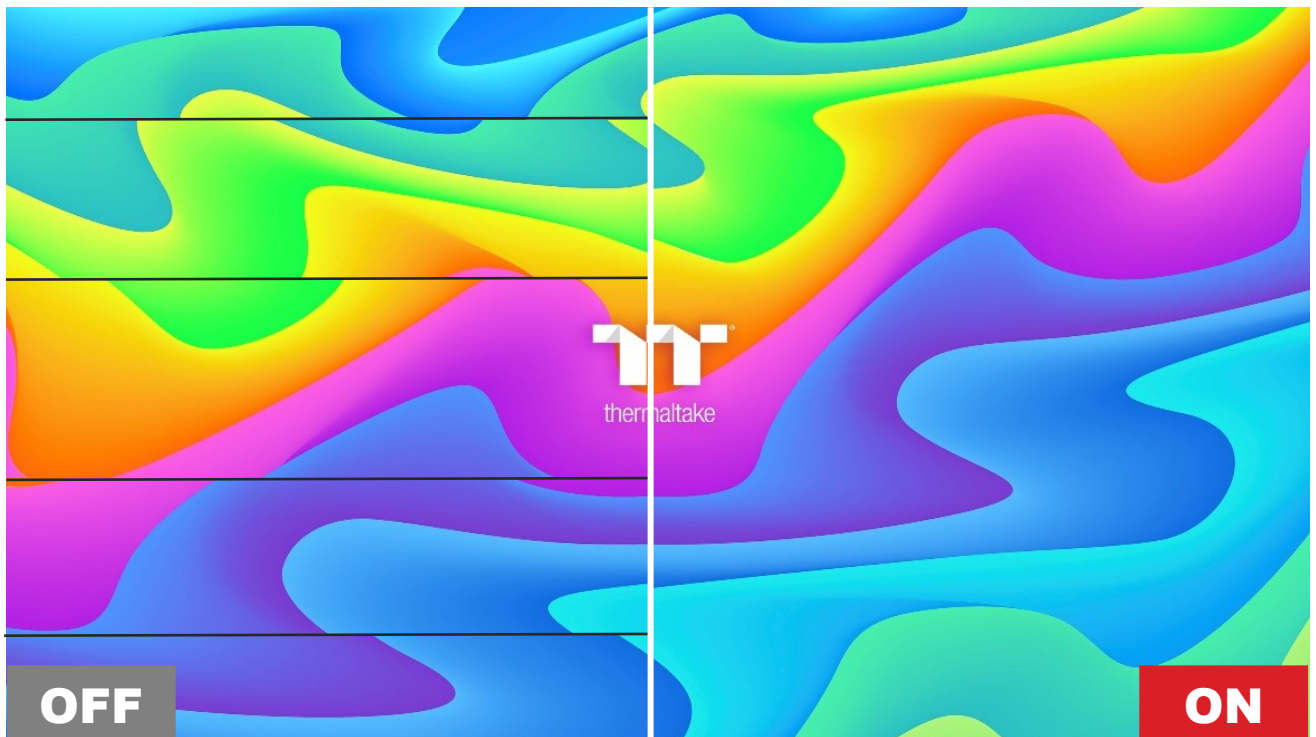
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PERFECTION FOR ANY REFRESH RATE

Take on any game without tearing, stuttering, flicker, or artifacts. G-SYNC compatible dynamically matches the refresh rate of the display to the frame rate of the GPU. Unlike other solutions, its unrestricted refresh rate supports from zero Hertz up to the maximum supported by the LCD panel—so you can count on exceptional performance in every game.



| G-SYNC compatible
| AMD FreeSync Premium

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DARK FIEDL BRIGHTENING

Whether your entire screen is dark, or just a few portions have heavy shadows. Let the world's first smart black tuner brighten your day by bringing out the fine details in dark areas.



**DARK FIEDL
BRIGHTENING
OFF**

**DARK FIEDL
BRIGHTENING ON**

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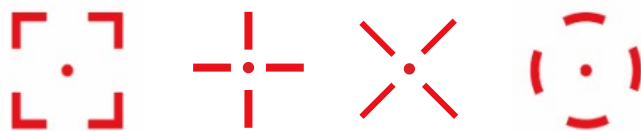
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GAME MODE

Gaming monitors offers several modes to choose from. Gamers can choose the mode based on the type of game played to experience the best visual effects.



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KVM

The KVM function allows you to switch and control between two devices using a single set of monitor, keyboard, and mouse by simply adjusting the OSD options.



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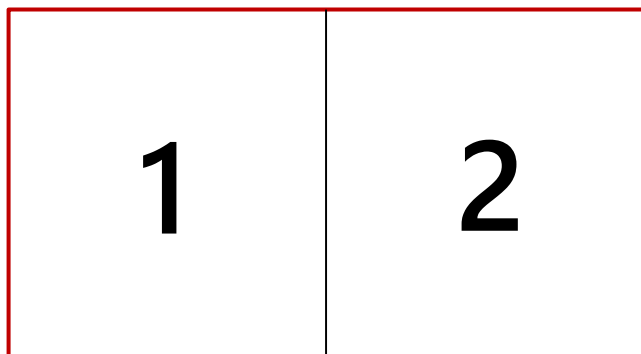
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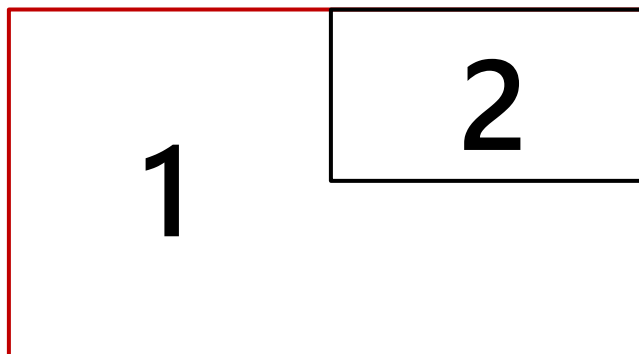
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PIP/PBP

Supports both Picture in Picture(PIP) and Picture by Picture (PBP) to create a variety of different layouts tailored to maximize your workflow or gaming setup.



PBP Mode



PIP Mode

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178 DEGREES OF WIDE VIEWING ANGLE

By having a large viewing angle, gaming monitors has more leeway for placing your monitor in your setup without giving up the optimal viewing experience. Colors and details will stay sharp at more angles compared to other monitors with less viewing angles.



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FLICKER FREE TECHNOLOGY

Generic monitor displays normally have a flicker-rate of about 200-times per second, which is unnoticeable to the naked eye, but can cause fatigue over time. Flicker free technology provides a very comfortable viewing experience by reducing the amount of flicker.



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FROM EDGE TO EDGE

With a super narrow bezel, enjoy the best immersion possible in the latest games with a multi-monitor 180 degree setup. Enjoy better continuity between screens while playing games, working, or general computing.



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LIGHT PROJECTIONS

unique light projections to enhance your desktop surface.



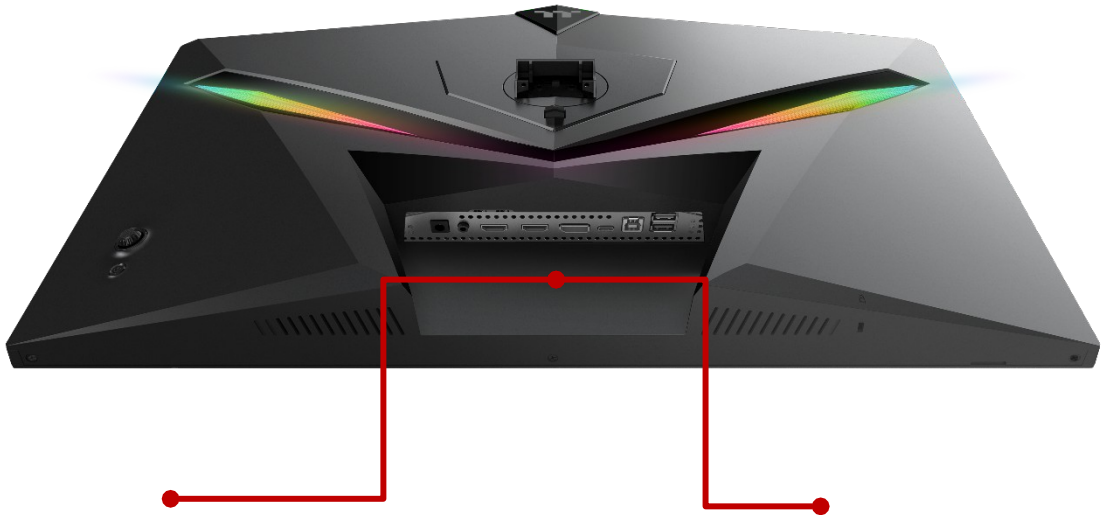
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I/O Ports



Interface

- HDMI 2.0x 2
- DP 1.4 x1
- Type-C x1(PD 15W)
- USB-A x 2

Output Terminal

- USB-B x 1
- Audio out x 1

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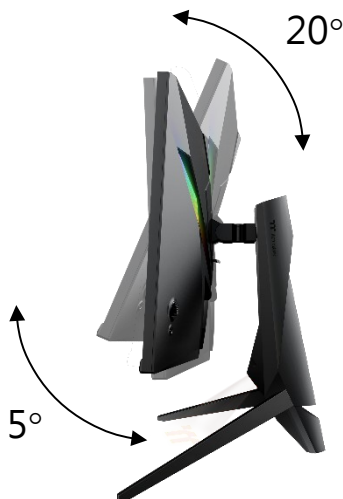
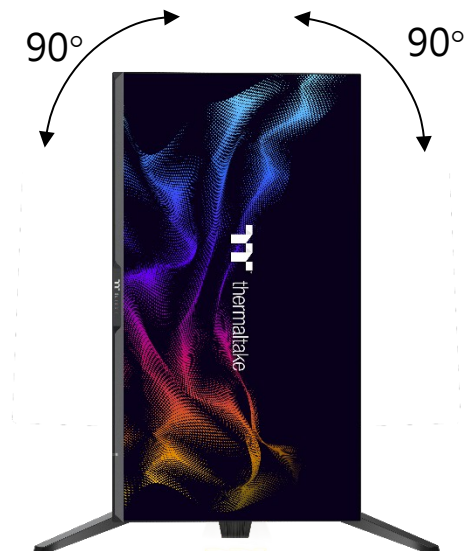
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TAILORED FOR THE PERFECT FIT

The Gaming monitor is built to make you as comfortable as possible while gaming. Through adjustments of tilting ($-5^{\circ}\sim 20^{\circ}$), you can easily change the position of the monitor for maximum ergonomics and optimum viewing experiences.



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GALLERY



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PACKAGING INFO

- Carton size (L x W x H) :
70.8(L) x 27.0(W) x 47.0(H) cm
27.8(L) x 10.6(W) x 18.5(H) inch
- Net weight : 6.1 kg
- Carton gross weight : 8.45 kg
- Cuft : 3.17
- PCS/Ctn : 1
- Part Number : GM-GFT-27FTQB-US
- EAN : 4713227536110
- UPC : 0841163086124
- Package Contents: Gaming Monitor X 1
Power Cable X 1
DP Cable X 1
Warranty card X 1
Assembly & User Manual X 1