



Model Name	PG34WQ15R3A	PG34WQ15R2B	PG32QF2B	PG27Q15R2A	PG27F15RS1A	PG27FF1A
Panel Size	34 (inch) VA Display	34 (inch) VA Display	31.5 (inch) VA Display	27 (inch) VA Display	27 (inch) VA Display	27 (inch) IPS Display
Curvature	1500R	1500R	Flat	1500R	1500R	Flat
Resolution	3440 x 1440 (WQHD)	3440 x 1440 (WQHD)	2560 x 1440 (QHD)	2560 x 1440 (QHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Aspect Ratio	21:9	21:9	16:9	16:9	16:9	16:9
Refresh Rate	165Hz	165Hz	165Hz	165Hz	240Hz	165Hz
Response Time	1ms MPRT, 6ms(GTG)	1ms MPRT, 6ms(GTG)	1ms MPRT, 6ms(GTG)	1ms MPRT, 6ms(GTG)	1ms MPRT, 6ms(GTG)	1ms MPRT, 6ms(GTG)
Color Space	91% DCI-P3 / sRGB 115%	91% DCI-P3 / sRGB 115%	92% DCI-P3 / sRGB 116%	87% DCI-P3 / sRGB 110%	90% DCI-P3 / sRGB 113%	94% DCI-P3 / sRGB 123%
Brightness	550 nits	550 nits	550 nits	550 nits	300 nits	250 nits
Contrast Ratio	3000 :1	3000 :1	3000 :1	4000 :1	3000 :1	1100 :1
HDR	VESA DisplayHDR™ 400	VESA DisplayHDR™ 400	VESA DisplayHDR™ 400	VESA DisplayHDR™ 400	HDR10	HDR10
Audio Feature	Speaker: 2Wx2	Speaker: 2Wx2	Speaker: 2Wx2	Speaker: 2Wx2	Speaker: 2Wx2	Speaker: 2Wx2
Flicker-free	Yes	Yes	Yes	Yes	Yes	Yes
Low Blue Light	Yes	Yes	Yes	Yes	Yes	Yes
Unique Design	PG Mini-OLED POLYCHROME RGB Phantom Gaming Cable Sleeve Integrated Wi-Fi Antenna* (7dBi) (Compatible with Wi-Fi 4/5/6/6E/7)	Phantom Gaming Cable Sleeve Integrated Wi-Fi Antenna* (7dBi) (Compatible with Wi-Fi 4/5/6/6E/7)	Phantom Gaming Cable Sleeve Integrated Wi-Fi Antenna* (7dBi) (Compatible with Wi-Fi 4/5/6/6E/7)	Phantom Gaming Cable Sleeve Integrated Wi-Fi Antenna* (7dBi) (Compatible with Wi-Fi 4/5/6/6E/7)	N/A	N/A
I/O Ports	1 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.2 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.2 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)
Gaming Feature	VESA DisplayHDR™ 400 AMD FreeSync™ Premium	VESA DisplayHDR™ 400 AMD FreeSync™ Premium	VESA DisplayHDR™ 400 AMD FreeSync™ Premium	VESA DisplayHDR™ 400 AMD FreeSync™ Premium	Adaptive Sync	AMD FreeSync™ Premium

Model Name	PG558KF	PG32UMF	PG27QF2A
Panel Size	55 (inch) IPS Display	31.5 (inch) Mini-LED IPS Display	27 (inch) IPS Display
Curvature	Flat	Flat	Flat
Resolution	7680 x 4320 (8K UHD)	3840 x 2160 (4K UHD)	2560 x 1440 (QHD)
Aspect Ratio	16:9	16:9	16:9
Refresh Rate	60Hz	144Hz	165Hz
Response Time	1ms MPRT, 7ms (GTG)	1ms MPRT, 7ms (GTG)	1ms MPRT, 6ms (GTG)
Color Space	NTSC 75%	97% DCI-P3	NTSC 90%
Brightness	750 nits	600 nits	550 nits
Contrast Ratio	1200 :1	1000 :1	4000 :1
HDR	HDR 1000	HDR 1400	HDR 10
Audio Feature	Speaker: 10Wx2	Speaker: 5Wx2	Speaker: 2Wx2
Unique Design			Phantom Gaming Cable Sleeve Integrated Wi-Fi Antenna* (7dBi) (Compatible with Wi-Fi 4/5/6/6E/7)
I/O Ports	2 x DisplayPort™ 1.4 2 x HDMI™ 2.1 1 x Type-C 4 x USB 3.1 Gen2 Type-A 1 x Earphone Jack(3.5 mm)	2 x DisplayPort™ 1.4 2 x HDMI™ 2.1 1 x Type-C 4 x USB 3.2 Gen1 Type-A 1 x Earphone Jack(3.5 mm)	1 x DisplayPort™ 1.4 2 x HDMI™ 2.0 1 x Earphone Jack(3.5 mm)
Gaming Feature	HDR 1000 Compatible	HDR 1400 Compatible FreeSync Premium Compatible G-Sync Pre-test Pass	FreeSync Premium Compatible

Model Name	A27FE	A24FE
Panel Size	27 (inch) IPS Display	24 (inch) IPS Display
Curvature	Flat	Flat
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Aspect Ratio	16:9	16:9
Refresh Rate	100Hz	100Hz
Color Space	72% NTSC	72% NTSC
Brightness	250 nits	250 nits
Contrast Ratio	1000 :1	1300 :1
I/O Ports	1 x HDMI™ 1.4	1 x HDMI™ 1.4
Gaming Feature	FreeSync Compatible	FreeSync Compatible

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UNIQUE DESIGN

PG Mini OLED

It's time to show your style! The Phantom Gaming PG34WQ15R3A allows users to upload up to three GIF and image files displayed on the 1.3" OLED panel with POLYCHROME SYNC software.



Integrated Wi-Fi Antenna

Phantom Gaming monitor equips with built-in Wi-Fi antenna. So, the Wi-Fi signal won't be masked by the table. Now, connect the Wi-Fi antenna to your PC and enjoy gaming without latency!



PG Cable Sleeve

Have you been annoyed by cable management? Except for ditching a cable management slot on the stand, Phantom Gaming also designs a cable sleeve for gamers. It not only keeps your table tidy but also looks stylish!



POLYCHROME SYNC

Connect the Phantom Gaming PG34WQ15R3A to your PC via the USB Type-A to C wire and install POLYCHROME SYNC. Now, you can easily set up PG Mini-OLED and the rear RGB lights through this powerful software.



Model	Integrated Wi-Fi Antenna	Low-Cost/Normal Wi-Fi Antenna
Comparison		
Peak Gain	7dBi	2-3dBi
Antenna Location	On Table	Under Table
Signal Strength	Strong	Weak



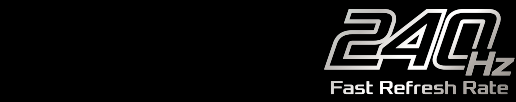
PANEL

1500R

The curved Phantom Gaming monitor adopts 1500R curvature that offers you a greater sense of coverage. Let gamers enjoy gameplay with immersive visual from all angles.

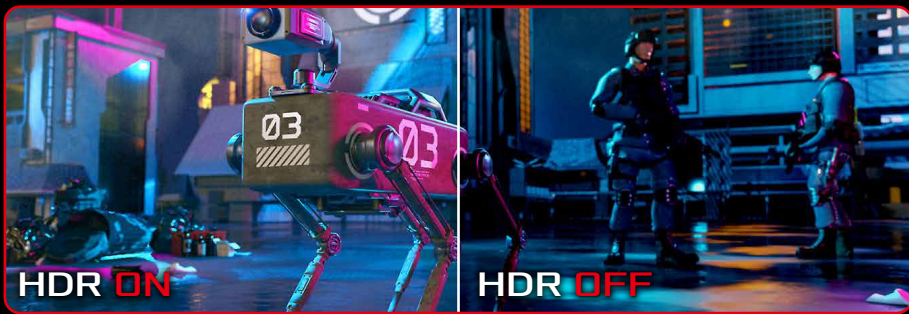
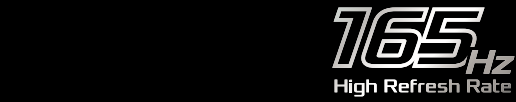
240Hz

PG27F15RS1A offers the 240Hz fast refresh rate and 1ms (MPRT) response time help gamers be one step ahead of opponents during gameplay.



165Hz

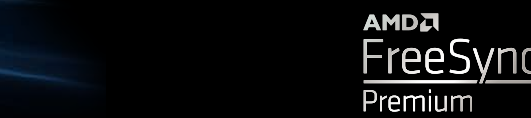
The panel offers the 165Hz rapid refresh rate and 1ms (MPRT) response time to exterminate motion blur. That is why every Phantom Gaming monitor delivers uncompromising smoothness.



GAMING FEATURE

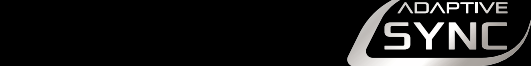
AMD FreeSync Premium

Ready to take it to the next level? Step up your game with a high refresh rate, low framerate compensation, and low latency certified AMD FreeSync™ Premium Monitor.



Adaptive Sync

Gamers shouldn't compromise on screen tearing or stuttering. Get effortlessly smooth gameplay with Phantom Gaming monitor. The Phantom Gaming PG27F15RS1A with Adaptive Sync Technology gives you an exceptional tear-free gaming experience and incredibly responsive performance.



Flicker-Free Technology

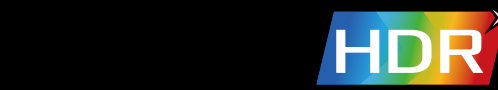
Phantom Gaming monitor features Flicker-free technology, which can reduce flicker, minimize eyestrain, and provide a comfortable viewing experience.



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HDR Technology

The Phantom Gaming monitor features HDR technology. Let the screen present vivid images with more details and better color accuracy.



ASRock Low Blue Light Technology

Phantom Gaming monitor with ASRock Low Blue Light Technology reduces the harmful blue lights emitted by your gaming monitor. You can select the blue light filter from level 1-10 for a comfortable viewing experience.

