

ASRock®**CHALLENGER**

MONITOR SERIES

CL27FF**PRODUCT BRIEF:**

- ◆ 27" Full HD (1920x1080) Flat IPS Display
- ◆ 100Hz High Refresh Rate
- ◆ 1ms Response Time (MPRT)
- ◆ sRGB 99% Color Space
- ◆ Wide Viewing Angles (178-Degree)
- ◆ AMD FreeSync™ Technology
- ◆ Flicker Free Technology
- ◆ Low Blue Light Technology
- ◆ 1*HDMI™ v1.4, 1*VGA
- ◆ Tilt Adjustment
- ◆ Energy Star® 8.0

100Hz
Refresh Rate**AMD**
FreeSync**100Hz High Refresh Rate**

Experience gaming-grade smoothness with the ASRock Challenger Series, boasting a 100Hz high refresh rate that outperforms 60Hz monitors by over 67%.

**100Hz**
Refresh Rate**Wide Viewing Angles (178-Degree)**

Full HD IPS panel delivers vivid visuals and a 178-degree view for an exceptional experience from nearly every angle!

**Low Blue Light Technology**

Reduces harmful blue light emissions, preventing color shifts and lessening headaches and eye fatigue effectively.

**Flicker-Free Technology**

Eliminates flicker, reducing eyestrain for a comfortable viewing experience.

**AMD FreeSync™ Technology**

Removes screen tearing and stutter, creating a superior and ultra-smooth visual performance.



DETAIL SPECIFICATION:

Display	Panel Size	27" (inch)	Dimension (W x H x D)	Dimension with Stand: 612*458*225 (mm) Dimension without Stand: 612*336*54 (mm)
	Curvature	Flat		
	Aspect Ratio	16:9		
	Viewing Area	598*336mm (H x V)	Weight	Net Weight with Stand: 4.11kg Net Weight without Stand: 3.71kg Gross Weight: 5.12kg
	Pixel Pitch	0.3114 (mm)		
	Panel Type	IPS		
	Display Surface	Anti-Glare	Accessories (vary by region)	Power Cord HDMI Cable Quick Start Guide
	Color Space	sRGB 99%		
	Resolution	1920 x 1080		
	Refresh Rate	100Hz (Max.)		
	Brightness	300 cd/m² (Typ.)		
	Contrast Ratio	1000 :1 (Typ.)		
	Viewing Angle	178° (H) / 178° (V)		
	Display Colors	16.7 Million		
	Response Time	1ms (MPRT), 4ms(GTG)		
Flicker-free	Yes			
Low Blue Light	Yes			
I/O Ports	1*HDMI™ v1.4 1*VGA	Certificate	AMD FreeSync™ Energy Star® 8.0	
Digital Signal Frequency	HDMI: 24KHz~120KHz (H); 48Hz~100Hz (V) VGA: 24KHz~86KHz (H); 48Hz~75Hz (V)	Remark		
Power Consumption	Power Consumption (Max): ≤21W Power Saving Mode: ≤0.5W Power Off Mode: ≤0.3W Voltage: 100-240V, 50/60Hz			
Mechanical Design	Tilt VESA Mount	+20° ~ -5° 100 x 100 mm		



