

ALIENWARE 27 GAMING MONITOR

AW2723DF



The Alienware 27 Gaming monitor combines premium performance and functional beauty with its fast 280Hz overclocked / 240Hz native variable refresh rate and a Fast IPS panel delivering 1ms GtG responsetime for lag-free gaming.

This performance is complemented by an InfinityEdge screen with IPS Nano Color technology, delivering vivid colors with 95% DCI-P3 color coverage and VESA DisplayHDR™ 600 certification for a truly immersive experience.

Availability:

- Aug 17 (CN)
- Sep 6 (APJ)
- Oct 6 (ROW)



Product Details

- Experience smooth performance with up to 280Hz overclocked / 240Hz native variable refresh rates.
- Fast IPS panel with lightning-fast 1ms GtG (Gray to Gray) response time enables lag-free gameplay.
- AMD FreeSync™ Premium Pro Technology, NVIDIA® G-SYNC® Compatible certification and VESA® Adaptive Sync certification enables stutter-free, tear-free, low-latency gaming and crystal-clear graphics.
- Dive into vibrant colors across a wide viewing angle. See it all on an InfinityEdge screen with IPS Nano Color technology that lets you experience dynamic, vivid colors with 95% DCI-P3 color coverage and VESA DisplayHDR™ 600 certification for a truly immersive gaming experience.
- The iconic Legend 2.0 design in Lunar Light seamlessly integrates into any battle station. With powerful AlienFX lighting signature, 360 degree ventilation, improved cable management, and fully adjustable stand with swivel, pivot, tilt, and height adjustment for optimized footprint, find a play style that works for your gaming.
- Keep your headset off the desk and out of the way when not in use. The hanger slides in and out of the monitor frame with a simple push to keep your battle station organized.
- Gamers who also create content can use the revamped OSD to seamlessly switch to Creator Mode for ultimate color accuracy and uniformity, while the Picture-In-Picture (PIP) and Picture-By-Picture (PBP) feature lets you view two PC sources simultaneously for next-level multi-tasking.
- TUV-certified monitor has a flicker-free screen with ComfortView Plus, a feature that reduces harmful blue light emissions without impacting color accuracy. It's designed to optimize eye comfort for an extended period of time – like your next gaming marathon.

FEATURES AND TECHNICAL SPECIFICATIONS



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Diagonal Viewing Size	68.47 cm (27")
Active Display Area (horizontal x vertical)	596.74 mm x 335.66 mm (23.49" x 13.21"), 200,301.74 mm ² (310.30 inches ²)
Panel Type	Fast IPS Nano Color
Display Screen Coating	Anti Glare
Maximum Preset Resolution	2560 X 1440 at 144Hz (with HDMI 2.0) / 2560 X 1440 at 280Hz (with overclock) (with DP 1.4) / 2560 X 1440 at 240Hz (native) (with DP 1.4)
Viewing Angle	178° vertical / 178° horizontal
Pixel Pitch / Pixels per Inch (PPI)	0.23 mm x 0.23 mm / 109
Contrast Ratio	1000: 1 (typical)
HDR Supportability	VESA DisplayHDR™ 600
Aspect Ratio	16:9
Backlight Technology	LED edge light system
Brightness	450 cd/m ² (typical) ; 600 cd/m ² (peak)
Response Time (typical)	1ms (gray to gray) in Extreme Mode
Connectivity	2 x HDMI (ver 2.0), 1 x DP (ver 1.4), 2 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1) downstream port [Front bottom, one with BC1.2 charging capability at 2A (max)], 2 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1) downstream port (rear), 1 X SuperSpeed USB 5 Gbps (USB 3.2 Gen1) upstream port (rear), 1 x Headphone-out port (bottom), 1X Audio line-out port (rear), Security Lock Slot based on Kensington Security Slot
NVIDIA® G-SYNC® Compatible Certification	Yes, supports NVIDIA® G-SYNC® Compatible with high refresh rate of up to 280Hz
AMD Free-Sync™ Premium Pro Technology	Yes, supports AMD Free-Sync™ Premium Pro Technology with high refresh rate of up to 280Hz
VESA AdaptiveSync Display Certification	Yes, supports VESA AdaptiveSync Display Certification with high refresh rate of upto 280Hz
AlienFX Lighting	Yes, 3 zones (Alien Head, Screen size phazor graphic, Power button)
Preset OSD Modes	Creator, FPS, MOBA/RTS, RPG, SPORTS and 3 customizable game modes.
Additional OSD Modes	PIP/PBP, Console Mode, AlienVision
Stand Adjustability	Height adjustable stand (110 mm), Tilt (-5° to 21°), Swivel (-20° to 20°), Pivot (-90° to 90°), Built in cable-management
Low Blue Light	Yes, ComfortView Plus (TÜV Rheinland certified – Low Blue Light Hardware Solution)
Flicker-free	Yes
ID color variant	Lunar Light
Specifications - Service / Support Details	3-Year Advanced Exchange Service and Premium Panel Exchange
Color Gamut	95% DCI-P3 (typical)/ 100% sRGB
Color Depth	1.07 billion colors
Color Accuracy	Delta E < 2 (sRGB (min.)), Delta E < 3 (DCI-P3 (typical))
Dimensions HxWxD (monitor head with stand compressed/~extended height)	406.25 mm ~516.25 mm (15.99" ~20.32") x 606.60 mm (23.88") x 268.02 mm (10.55")
Dimensions (Panel Only) HxWxD	354.29 mm (13.95") x 606.60 mm (23.88") x 67.00 mm (2.64")
Weight (panel only - for VESA mount)	5.71 kg (12.58 lb)
Weight (monitor and cables with full packaging)	12.64 kg (27.86 lb)
Compliance Standards	RoHS-compliant, a arsenic-free glass and mercury-free for the panel only, BFR/PVC Reduce monitor (excluding external cables)
Flat Panel Mount Interface	VESA (100 mm X 100 mm)
Temperature Range	Operating: 0° to 40°C (32° to 104°F), Non-operating: -20° to 60° (-4° to 140° F)
Humidity Range	Operating: 10% to 80% (non-condensing), Non-Operating: 5% to 90% (non-condensing)
Altitude	Operating: 5,000 m (16,404 ft) max, Non-Operating: 12,192 m (40,000 ft) max
Voltage Required	100 VAC to 240 VAC / 50 Hz or 60 Hz +/- 3 Hz/1.5 A (typical)
Power Consumption (Operational)	0.3 W (Off Mode), 0.4 W (Standby Mode), 22.1 W (On Mode), 105 W (Max)
Audio Output	No
What's Included	Monitor, Stand riser, Stand base, Power cable (varies by country), 1 x DisplayPort (DP to DP) cable, 1 x Mini-DisplayPort to DisplayPort (mDP to DP) cable, 1 x HDMI Cable, 1 X USB 3.2 Gen1 (5 Gbps) upstream cable, Factory calibration report, Quick Start Guide, Safety Information, Alienware sticker

¹ComfortView Plus feature reduces blue light emission and optimizes eye comfort without compromising color accuracy. ²Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply. ³For a copy of the Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see Dell.com/warranty.