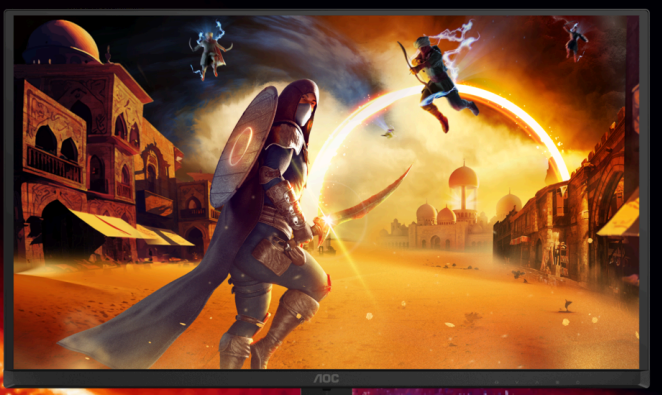
AGON BY AOC

ONLY FOR THE TRUE VALIANT

POWERED BY

U27G4D/69

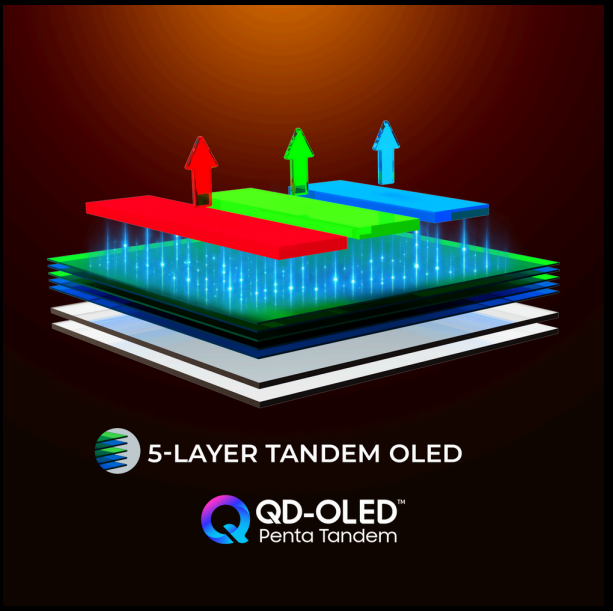


Combining UHD QD-OLED clarity, a 165Hz refresh rate, 0.03ms response time, Anti-Glare Low Reflection, and DisplayHDR ™ True Black 400, this display delivers rich contrast, fluid motion, and responsive performance for immersive gaming.

- **A Five-Layer Panel Structure Pushes OLED Further**
- **Efficiency at its Core**
- **Peak Brightness Reaches 1000 Nits**
- **Enhanced Black for Reduced Reflections**
- **UHD Detail Meets QD-OLED**
- **Smooth Gameplay at 165Hz**
- **Less Glare, More Focus**
- **Sharper Motion, Less Blur**
- **VESA DisplayHDR ™ True Black 400**
- **Engineered to Manage Heat**

A FIVE-LAYER PANEL STRUCTURE PUSHES OLED FURTHER

Designed to overcome traditional OLED limitations such as brightness constraints and burn-in concerns, it delivers higher brightness, improved efficiency, and greater durability.





EFFICIENCY AT ITS CORE

EL3.0 uses third-generation high-efficiency organic emissive material engineered to improve light-emission efficiency, helping the OLED panel deliver powerful visual performance.

PEAK BRIGHTNESS REACHES 1000 NITS

Up to 1,000 nits of peak brightness brings more intensity to bright highlights, helping HDR content deliver stronger visual impact and more defined luminous details against OLED's deep blacks.





ENHANCED BLACK FOR REDUCED REFLECTIONS

Advanced ultra-black coating absorbs ambient light and suppresses reflection tinting, improving 40% perceived black levels and increasing 2.5 times scratch resistance while maintaining deeper contrast and more immersive viewing in bright environments.

UHD DETAIL MEETS QD-OLED

UHD resolution and QD-OLED technology combine crisp detail, rich color, and deep contrast, bringing greater clarity and visual depth to gaming environments.





SMOOTH GAMEPLAY AT 165HZ

A 165Hz refresh rate delivers smoother, more responsive motion, helping fast-moving gameplay stay clear and fluid so you can follow the action and target enemies.

LESS GLARE, MORE FOCUS

Anti-Glare Low Reflection surface treatment minimizes distracting reflections, helping maintain clearer visibility across the screen so you can stay focused on details, even during extended gaming sessions.





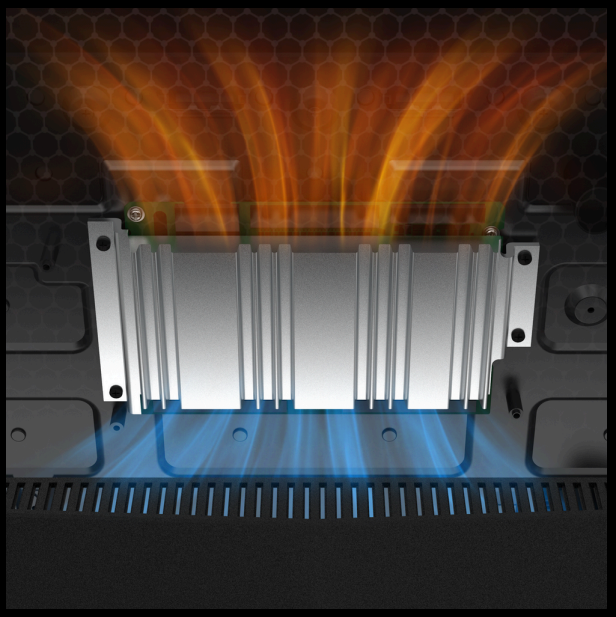
SHARPER MOTION, LESS BLUR

A 0.03ms GTG response time keeps fast-moving scenes clean by reducing ghosting and motion blur. Every pixel transitions quickly, helping you follow targets more clearly and maintain visual accuracy during fast-paced gameplay.

VESA DISPLAYHDR ™ TRUE BLACK 400

VESA DisplayHDR ™ True Black 400 enhances contrast with deeper blacks and brilliant highlights, revealing greater detail across dark and bright scenes for richer, more precise HDR visuals.





ENGINEERED TO MANAGE HEAT

An integrated thermal design combines graphene film with a metal heat sink to enhance heat dissipation, helping manage panel temperature more efficiently during extended use.

GENERAL

Model Name	U27G4D/69
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G4

DISPLAY INFORMATION

Screen size (inch)	26.5
Flat / Curved	Flat
Curvature Radius	Flat
Panel treatment	Antiglare 3H
Pixel Pitch (mm)	0.153
Pixels per Inch	163.0
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	QD - OLED
Backlight type	OLED
Max Refresh rate	165 Hz
Response time GtG (typical)	0.03 ms
Static contrast ratio (typical)	1.5M:1
Viewing angle (CR10)	178/178
Display colours	1.07B - 10 bit (8 bit + FRC)
Brightness in nits (typical)	SDR :250 cd/m²(Typ.)(Full White); HDR ON: 250 cd/m²(Min.) (Full White), 450 cd/m²(Typ.)(APL 10%), 1000 cd/m²(Typ.)(APL 3%)
Local Dimming Zones	OLED

VIDEO FEATURES

Sync technology (VRR)	G-SYNC Compatible
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ True Black 400
Blue Light Technology	Anti Blue Light
Multiview (PbP, PiP)	PiP+PbP
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION

Built-in speakers fire direction	NA
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	-5° ~ 23°
Height adjust (mm)	130mm
Swivel	-30° ~ 30°
Pivot	-90° ~ 90°

SUSTAINABILITY

Post-consumer recycled plastic	No (B2C)
CEC	Yes
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION

Power supply	Internal
Power consumption standby in watts	0.5
Power consumption off in watts	0.3

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
Digital HDCP (HDMI version)	HDCP 1.4/2.3
DisplayPort	DisplayPort 1.4 x 1
Audio Output	1x Audio out
DisplayPort output	0x
DP HDCP version	HDCP 1.4/2.3
mini USB (for external keypad)	No
USB Type upstream	No

OTHER INFORMATION

MTBF	70.000 hours (excluded backlight)