

U28G2AE/BK

28 inch (71.1 cm) LCD MONITOR

28" UHD IPS panel monitor with 60 Hz frame rate and AMD FreeSync





AMDA FreeSync













FreeSync

The AMD FreeSync Technology ensures that the GPU's and monitor's refresh rates are synchronised, which provides a smooth, tear free gaming experience. You will appreciate the low input lag if you're looking for the best quality visuals in fast paced games.



1MS MPRT

A pixel response time of 1ms means speed without the smear for an enhanced experience. Fast-moving action and dramatic transitions will be rendered smoothly without the effects of ghosting.



Low Input Lag

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.



G-menu

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience for any AOC or AGON monitor



6 Games mode

Tailor your display to the game with a click of a button. Switch settings between in-built presets for FPS, racing, or RTS games, or customise your own ideal conditions and save them. The AOC Settings KeyPad makes switching profiles or adjusting features quick and easy.

General

Model name	U28G2AE/BK
EAN	4038986188661
Product Line	AOC Gaming
Series	G2 Series
Channel	B2C
Classification	Mainstream
Section	Gaming
Gaming style	MMORPG, RTS, Beat 'm up
Launch date	15-11-2020
Continent	Europe

Screen

Refresh rate 60Hz Screen size (inch) 28 inch Screen size (cm) 71.1 cm Flat / Curved Flat Backlight WLED Panel Type IPS Aspect ratio 16:9 Display Colours 1.07 Billion Panel Colour in Bits 10 8RGB Coverage (%) 119 Adobe RGB Coverage (%) 85 % NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 ° Hard Glass EN, FR, ES, PT, DE, IT, NL, SE, FI, PL, CZ, RU, KR, CN (T), CN (S), PP	Resolution	3840x2160
Screen size (cm) 71.1 cm Flat / Curved Flat Backlight WLED Panel Type IPS Aspect ratio 16:9 Display Colours 1.07 Billion Panel Colour in Bits 10 SRGB Coverage (%) 119 Adobe RGB Coverage (%) 89 NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 ° Hard Glass Antiglare + 3H	Refresh rate	60Hz
Flat / CurvedFlatBacklightWLEDPanel TypeIPSAspect ratio16:9Display Colours1.07 BillionPanel Colour in Bits10SRGB Coverage (%)119Adobe RGB Coverage (%)89NTSC coverage (%)85 %Pixels per Inch157Scanning FrequencyHDMI2.0/DP1.2 :3840x2160 @60hzResponse time (GtG)4 msResponse Time (MPRT)1 msContrast (static)1000:1Contrast (dynamic)80M:1Brightness (typical)300 cd/m²Viewing angle (CR10)178/178 °Hard GlassAntiglare + 3H	Screen size (inch)	28 inch
Backlight WLED Panel Type IPS Aspect ratio 16:9 Display Colours 1.07 Billion Panel Colour in Bits 10 sRGB Coverage (%) 119 Adobe RGB Coverage (%) 89 NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 ° Hard Glass Antiglare + 3H	Screen size (cm)	71.1 cm
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Aspect ratio Display Colours 1.07 Billion Panel Colour in Bits 10 sRGB Coverage (%) 119 Adobe RGB Coverage (%) 89 NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) Brightness (typical) Viewing angle (CR10) Hard Glass Antiglare + 3H	Backlight	WLED
Display Colours Panel Colour in Bits RGB Coverage (%) Adobe RGB Coverage (%) NTSC coverage (%) NTSC coverage (%) Pixels per Inch Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) Response Time (MPRT) Contrast (static) Contrast (dynamic) Brightness (typical) Viewing angle (CR10) Hand Glass 1.07 Billion 10 10 11 10 11 10 11 10 10 1	Panel Type	IPS
Panel Colour in Bits 10 sRGB Coverage (%) 119 Adobe RGB Coverage (%) 89 NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 ° Hard Glass Antiglare + 3H	Aspect ratio	16:9
sRGB Coverage (%) Adobe RGB Coverage (%) 89 NTSC coverage (%) 85 % Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) Viewing angle (CR10) Hard Glass Antiglare + 3H	Display Colours	1.07 Billion
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NTSC coverage (%) Pixels per Inch 157 Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) Brightness (typical) Viewing angle (CR10) Hard Glass 85 % HDMI2.0/DP1.2 :3840x2160 @60hz 4 ms 80M:1 1 ms 1 ms 1 ms 1 ms 1 ms 1 ms 2 mode (MPRT) 1 ms 1 ms 1 ms 2 mode (MPRT) 1 ms 1 ms 1 ms 2 mode (MPRT) 3 mode (MPRT) 4 ms 4 ms	sRGB Coverage (%)	119
Pixels per Inch Scanning Frequency HDMI2.0/DP1.2 :3840x2160 @60hz Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) Viewing angle (CR10) Hard Glass 157 HDMI2.0/DP1.2 :3840x2160 @60hz 4 ms 8 ms 1 ms 2 hard (lass) Antiglare + 3H	Adobe RGB Coverage (%)	89
Scanning FrequencyHDMI2.0/DP1.2 :3840x2160 @60hzResponse time (GtG)4 msResponse Time (MPRT)1 msContrast (static)1000:1Contrast (dynamic)80M:1Brightness (typical)300 cd/m²Viewing angle (CR10)178/178 ºHard GlassAntiglare + 3H	NTSC coverage (%)	85 %
Response time (GtG) 4 ms Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 º Hard Glass Antiglare + 3H	Pixels per Inch	157
Response Time (MPRT) 1 ms Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 º Hard Glass Antiglare + 3H	Scanning Frequency	HDMI2.0/DP1.2 :3840x2160 @60hz
Contrast (static) 1000:1 Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 ° Hard Glass Antiglare + 3H	Response time (GtG)	4 ms
Contrast (dynamic) 80M:1 Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 Hard Glass Antiglare + 3H	Response Time (MPRT)	1 ms
Brightness (typical) 300 cd/m² Viewing angle (CR10) 178/178 º Hard Glass Antiglare + 3H	Contrast (static)	1000:1
Viewing angle (CR10) 178/178 ^o Hard Glass Antiglare + 3H	Contrast (dynamic)	80M:1
Hard Glass Antiglare + 3H	Brightness (typical)	300 cd/m ²
	Viewing angle (CR10)	178/178 º
OSD languages EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP	Hard Glass	Antiglare + 3H
	OSD languages	EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP $$

Exterior

Monitor colour	Black Red
Bezel Type	Borderless
Removable Stand	•

Ergonomics

Vesa Wallmount	100x100
Tilt	-5~23 °

MultimediaAudio InputLine inBuilt-in Speakers3 W x 2Audio outputHeadphone out (3,5mm)

Connectivity and Multimedia

Signal Input	HDMI 2.0 x 2, DisplayPort 1.2 x 1	
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What's in the Box?

HDMI cable	1,8 m
Displayport Cable	1,8 m

Power / Environmental

Powersupply	External
Powersource	100 - 240V 50/60Hz
PowerConsumption On (Energystar)	45 watt
PowerConsumption Standby (Energystar)	0.3 watt
PowerConsumption Off (Energystar)	0.5 watt
EnergyClass	С

Approbations / Regulations

TUV-Bauart	✓
CE	✓
EAC	✓
ISO 9241-307 class I	✓
Rohs compliant	✓
Reach compliant	✓

Warranty

Warranty Period	3 Years

Dimensions / Weights

Product dimensions incl base	469.5(H) × 636.4 (W) ×244.9 (D)
Product dimensions excl base	368.5(H) × 636.4 (W) × 49.3 (D)
Packaging Dimensions (L x W x H)	715*160*593 mm
Gross Weight (including package)	8.62 Kg
Net Weight (excluding package)	6.13 Kg

Texts and USP

Marketing title	28 inch 4 ms IPS DisplayPort 1.2 x 1, HDMI 2.0 x 2 FreeSync

FeaturesSync TechnologyFreeSyncSync Range40-60Flicker-free✓Blue Light TechnologyLow blue lightKensington Lock✓

Sustainability

HF	•
Mercury Free	•
Recyclable packaging material	100%