

**POWERED BY** 

C24G2AE/BK





165<sub>Hz</sub>









This 165 Hz display impresses with its lightning-fast 1 ms response time and VA panel, generating extraordinarily powerful colours. The FreeSync Premium support guarantees perfect synchronisation between monitor and GPU.

- Minimal bezel distraction for the ultimate battle station
- 165Hz Refresh Rate
- Freesync Premium
- 1500R Curved
- Speakers
- Low Input Lag

# MINIMAL BEZEL DISTRACTION FOR THE ULTIMATE BATTLE STATION

Expand your view with multiple monitor set-up. The narrow border and frameless design offer the minimal bezel distraction for the ultimate battle station.





### **165HZ REFRESH RATE**

A 165Hz refresh rate, well over twice the industry standard of 60Hz, makes games run smooth as silk. Realize the potential in your graphics card. Forget screen tearing and forget motion blur. Feel your reflexes become one with the action. Never look back.

## FREESYNC PREMIUM

Enjoy the best quality visuals even in fast paced games. The AMD FreeSync Premium Technology ensures that the GPU's and monitor's refresh rates are synchronised, which provides a fluid, tear free gaming experience at highest performance. The AMD FreeSync Premium features a refresh rate of minimum 120Hz, decreasing blur and sharpening the picture for a more life-like experience. The LFC feature eliminates the risk of stutter in case the frame rate drops below the refresh rate.



## 1500R CURVED

Curved design wraps around you putting you at the center of the action and provides an immersive gaming experience.

## **SPEAKERS**

Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.



# 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.

| GENERAL                   |               |
|---------------------------|---------------|
| Model Name                | C24G2AE/BK    |
| Channel                   | Gaming        |
| Product line              | AOC Gaming    |
| Design family             | G2            |
| Launch date (ETA)         | 8/26/2020     |
| EAN                       | 4038986148207 |
|                           |               |
| DISPLAY INFORMA           | TION          |
| Screen size (inch)        | 23,6          |
| Screen size (cm)          | 59,944        |
| Flat / Curved             | Curved        |
| Curvature Radius          | 1500R         |
| Display hardness          | ЗН            |
| Pixel Pitch (mm)          | 0,27156       |
| Pixels per Inch           | 93,0          |
| Panel resolution          | 1920x1080     |
| Aspect ratio              | 16:9          |
| Panel type                | VA            |
| Backlight type            | WLED          |
| Max Refresh rate          | 165 Hz        |
| Response time<br>GtG      | 4 ms          |
| Response time<br>MPRT     | 1 ms          |
| Static contrast<br>ratio  | 3000:1        |
| Dynamic contrast<br>ratio | 80M:1         |
| Viewing angle<br>(CR10)   | 178/178       |
| Display colours           | 16.7 Million  |
| Brightness in nits        | 250 cd/m²     |
|                           |               |

| VIDEO FEATURES  |                                   |
|---|-----------------------------------|
| Sync technology<br>(VRR)  | Freesync<br>Premium               |
| Blue Light<br>Technology  | Low Blue Light                    |
| Colour space<br>(sRGB) CIE 1931 %   | 120,0                             |
| Colour space<br>(Adobe RGB) CIE<br>1931 %   | 89,0                              |
| Flicker-Free  | Flicker Free                      |
|   |                                   |
|   |                                   |
| CABINET INFORM  | ATION                             |
| CABINET INFORM  Bezel Colour (front)  | <b>ATION</b><br>Black, Red        |
| Bezel Colour  |                                   |
| Bezel Colour<br>(front)<br>Cabinet colour   | Black, Red                        |
| Bezel Colour<br>(front)  Cabinet colour<br>(backside)  Cabinet finishing                                | Black, Red<br>Black, Red          |
| Bezel Colour<br>(front)  Cabinet colour<br>(backside)  Cabinet finishing<br>(backside)                  | Black, Red Black, Red Texture     |
| Bezel Colour<br>(front)  Cabinet colour<br>(backside)  Cabinet finishing<br>(backside)  Removable stand | Black, Red Black, Red Texture Yes |

| ERGONOMICS |       |
|------------|-------|
| Tilt       | -5/23 |
| Pivot      | No    |

| GAMING FEATURES         |   |  |
|-------------------------|---|--|
| Gaming style            | Shooters,<br>MMORPG, Action,<br>FPS (eSports) |  |
| Game mode               | RTS, FPS, Racing,<br>Gamer 1, Gamer 2,<br>Off |  |
| Gaming<br>convenience   | G-menu  |  |
| PS5 Compatibility       | 1920x1080@120Hz                               |  |
| Xbox X<br>Compatibility | 1920x1080@120Hz                               |  |
| Xbox S<br>Compatibility | 1920x1080@120Hz                               |  |
|                         |   |  |
| SUSTAINABILITY          |   |  |
| WEEE                    | Yes   |  |

| SUSTAINABILITY                     |                 |
|------------------------------------|-----------------|
| WEEE                               | Yes             |
| REACH compliant                    | Yes             |
| RoHs compliant                     | Yes             |
| HF                                 | Yes             |
| Mercury free                       | Yes             |
| Recycable<br>packaging<br>material | 100 % recycable |

| POWER CONSUMPTION   |          |
|---|----------|
| Power supply  | Internal |
| Power<br>consumption on<br>(Energystar test<br>method) in watts | 27,0     |
| Power<br>consumption<br>standby in watts                        | 0,5      |
| Power<br>consumption off<br>in watts                            | 0,3      |
| Energy class  | Е        |
|   |          |

| REGULATORY COMPLIANCE |              |  |
|-----------------------|--------------|--|
| СВ                    | Yes          |  |
| CE                    | Yes          |  |
| TUV-Bauart-Mark       | Yes          |  |
| ISO 9241-307          | Yes          |  |
| EAC                   | Yes          |  |
| FCC                   | Yes          |  |
| Microsoft WHQL        | Yes          |  |
| Pixel policy          | ISO 9241-307 |  |
|                       |              |  |

| CONNECTIVITY INFORMATION |                          |
|--------------------------|--------------------------|
| HDMI                     | HDMI 1.4 x 2             |
| DisplayPort              | DisplayPort 1.2 x 1      |
| Audio Output             | Headphone out<br>(3.5mm) |
| D-SUB (VGA)              | lx                       |

| PRODUCT DIMENSIONS                                |                                   |
|---|-----------------------------------|
| Product<br>dimensions incl.<br>base (WxHxD)<br>mm | 421.2(H) × 536.1(W)<br>× 227.4(D) |
| Product<br>dimensions excl.<br>base (WxHxD)<br>mm | 321.0(H) × 536.1(W)<br>× 68.5(D)  |
| Packaging<br>dimensions<br>(WxHxD) mm             | 480(H) x 730(W) x<br>160(D)       |
| Gross weight incl.<br>package (in kg)             | 6,11                              |
| Net weight excl.<br>package (in kg)               | 3,84                              |

| WHAT'S IN THE BOX |     |  |
|-------------------|-----|--|
| HDMI cable        | 1.8 |  |
| Displayport cable | 1.8 |  |
|                   |     |  |

| OTHER INFORMATION |         |  |
|-------------------|---------|--|
| Warranty period   | 3 years |  |