

BECOME THE
ULTIMATE LEGEND

POWERED BY
AG456UCZD



G-MENU



LOW INPUT LAG



Elevate your gaming experience to unprecedented levels with the AGON PRO AG456UCZD. This remarkable curved monitor boasts an OLED panel, WQHD resolution (3440x1440), a lightning-fast 240Hz refresh rate, and an astonishing response time as minimum as 0.03 ms GtG. Immerse yourself in vivid HDR visuals, featuring a native 10-bit color depth of 1.07 billion colors, along with exceptional color gamut coverage of DCI-P3. AGON PRO 45" - where gaming reaches new heights.

- **USB-C Docking**
- **Picture by Picture (PbP)**
- **Display Port**
- **HDMI**
- **Low Blue Light**
- **Speakers**

USB-C DOCKING

Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery.

PICTURE BY PICTURE (PBP)

Picture by Picture is a feature that allows you to make use of multiple sources (e.g. from your laptop and desktop PC) simultaneously and display them on the same screen. Its commanding overview gives you more control and boosts your efficiency both while streaming, working and playing considerably.

DISPLAY PORT

DisplayPort offers ultra-fast digital audio and video transmission without quality loss or input lag. Quickly and easily connect a range of devices to your screen, including your computer, laptop, media player, game console and more. It's perfect for professionals as well as the most demanding home users.

HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).

LOW BLUE LIGHT

AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

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.

| GENERAL | | VIDEO FEATURES | | ERGONOMICS | |
|------------------------|----------------|-------------------------------------|---|---|------------------|
| Model Name | AG456UCZD | Sync technology (VRR) | Adaptive Sync | Tilt | 3° ±2° ~ 13° ±2° |
| Brand | AOC | NVIDIA G-SYNC™ | NVIDIA G-SYNC Compatible | Height adjust (mm) | 100mm |
| Channel | Gaming | AMD FreeSync™ | AMD FreeSync Premium | Swivel | 15° ±2° ~15° ±2° |
| Product line | AGON PRO | | | | |
| Design family | AG6 | Digital Signal Frequency Vertical | DP1.4/USBC: 48-240Hz , HDMI2.0: 48-100Hz | | |
| Launch date (ETA) | 3/1/2024 | Digital Signal Frequency Horizontal | DP1.4/USBC: 30-385kHz , HDMI2.0: 30-160kHz | | |
| EAN | 4038986111416 | HDR (High Dynamic Range) | HDR 10 | | |
| DISPLAY INFORMATION | | Blue Light Technology | Anti Blue Light | | |
| Screen size (inch) | 44,5 | Multiview (PbP, PiP) | PiP+PbP | | |
| Screen size (cm) | 113,0 | Colour space (sRGB) CIE 1976 % | 127,5 | | |
| Flat / Curved | Curved | Colour space (DCI-P3) CIE 1976 % | 98,5 | | |
| Curvature Radius | 800R | Colour space (Adobe RGB) CIE 1976 % | 96,3 | | |
| Display hardness | 3H | Flicker-Free | Flicker Free | | |
| Panel treatment | Antiglare (AG) | CABINET INFORMATION | | | |
| Pixels per Inch | 93,2 | Bezel Colour (front) | Black | | |
| Panel resolution | 3440x1440 | Cabinet colour (backside) | Black | | |
| Aspect ratio | 21:9 | Cabinet finishing (backside) | Texture | | |
| Panel type | OLED | Removable stand | Yes | | |
| Max Refresh rate | 240 Hz | Speaker power | 8 W x 2 | | |
| Response time GtG | 0.03 ms | Kensington Lock | Yes | | |
| Static contrast ratio | 150,000:1 | Vesa wallmount | 100x100 | | |
| Dynamic contrast ratio | 80M:1 | | | | |
| Viewing angle (CR10) | 178/178 | | | | |
| Display colours | 1.07 Billion | | | | |
| Brightness in nits | 1000 cd/m2 | | | | |
| | | GAMING FEATURES | | POWER CONSUMPTION | |
| | | Gaming style | Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing | Power supply | Internal |
| | | Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off | Power consumption on (typical) in watts | 103,0 |
| | | Gaming convenience | G-menu | Power consumption standby in watts | 0,5 |
| | | PS5 Compatibility | 2560x1440@120Hz | Power consumption off in watts | 0,5 |
| | | Xbox X Compatibility | 2560x1440@120Hz | Energy class | F |
| | | Xbox S Compatibility | 2560x1440@120Hz | | |

CONNECTIVITY INFORMATION

| | |
|----------------------|-----------------------|
| HDMI | HDMI 2.0 x 2 |
| DisplayPort | DisplayPort 1.4 x 1 |
| USB Hub | Yes |
| USB type downstream | 4 |
| USB fast charge port | Yes |
| Audio Output | Headphone out (3.5mm) |
| USB generation | USB 3.2 (Gen 1) |

OTHER INFORMATION

| | |
|-----------------|---------|
| Warranty period | 3 years |
|-----------------|---------|

PRODUCT DIMENSIONS

| | |
|--|-------------------------|
| Product dimensions incl. base (WxHxD) mm | 992.2 x 509-609 x 359.2 |
| Product dimensions excl. base (WxHxD) mm | 992.2 x 457 x 219.8 |
| Packaging dimensions (WxHxD) mm | 1130 x 578 x 400 |
| Gross weight incl. package (in kg) | 19,21 |
| Net weight excl. package (in kg) | 13,35 |
| Product without stand (kg) | 11,35 |

WHAT'S IN THE BOX

| | |
|----------------------|-----|
| HDMI cable | 1x |
| Displayport cable | 1x |
| USB-B upstream cable | 1.8 |
| USB-C to C/A cable | 1.5 |
| Power Cable | Yes |