



## AG456UCZD

**Elevate your Gaming Experience with AGON PRO AG456UCZD: OLED brilliance, WQHD clarity, 240Hz speed, 800R curvature, and HDR. Splendor all in one**

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.

| GENERAL           |                     |
|-------------------|---------------------|
| Model Name        | AG456UCZD           |
| Brand             | AOC                 |
| Channel           | Gaming              |
| Product type      | Monitor             |
| Product line      | AGON PRO            |
| Design family     | AG6                 |
| Classification    | Mainstream          |
| Launch date (ETA) | 2024-03-01T14:51:00 |

## GAMING FEATURES

|                         |   |
|-------------------------|---|
| Gaming style            | Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing |
| Game mode               | RTS, FPS, Racing, Gamer 1, Gamer 2, Off                   |
| Gaming convenience      | G-menu  |
| Low Input Lag           | Yes   |
| Game Colour             | Yes   |
| Shadow Control          | Yes   |
| Crosshair / Dial Point  | Yes   |
| Frame Counter           | Yes   |
| Quick Switch            | Yes   |
| Good for Console Gaming | Yes   |
| Console Compatibility   | 2560x1440@120Hz   |

## OTHER INFORMATION

|                               |  |
|-------------------------------|--|
| EAN                           | 4038986111416  |
| OSD languages                 | English, Ukranian, Turkish, Polish, German, Portuguese, Spanish, French, Finnish, Korean, Japanese, Chinese (simplified), Chinese (traditional), Swedish, Dutch, Italian, Kroatian, Russian, Czech |
| Warranty period               | 3 years  |
| Firmware Update (OTA) Support | Yes  |
| Accessory box                 | Yes  |
| OSD type                      | AGON   |

| DISPLAY INFORMATION    |                |
|------------------------|----------------|
| Screen size (inch)     | 44.5           |
| Screen size (cm)       | 113            |
| Flat / Curved          | Curved         |
| Curvature Radius       | 800R           |
| Display hardness       | 3H             |
| Panel treatment        | Antiglare (AG) |
| Pixels per Inch        | 93.2           |
| Panel resolution       | 3440x1440      |
| Resolution name        | QHD            |
| Aspect ratio           | 21:9           |
| Panel type             | OLED           |
| Backlight type         | WLED           |
| Refresh rate           | 240 Hz         |
| Response time GtG      | 0.03 ms        |
| Static contrast ratio  | 1200:1         |
| Dynamic contrast ratio | 80M:1          |
| Viewing angle (CR10)   | 178/178        |
| Display colours        | 1.07 Billion   |
| Brightness in nits     | 1000 cd/m2     |
| OD Response (typical)  | 0.03 ms GtG    |
| Panel Haze Value       | 35%            |
| Support 1:1 function   | Yes            |

## VIDEO FEATURES

|                                     |  |
|-------------------------------------|--|
| Sync technology (VRR)               | G-SYNC Compatible + Adaptive Sync          |
| G-Sync compatible                   | Yes  |
| Sync range                          | 48-240                                     |
| Digital Signal Frequency Vertical   | DP1.4/USBC: 48-240Hz , HDMI2.0: 48-100Hz   |
| Digital Signal Frequency Horizontal | DP1.4/USBC: 30-385kHz , HDMI2.0: 30-160kHz |
| HDR (High Dynamic Range)            | HDR 10                                     |
| Blue Light Technology               | Anti Blue Light                            |
| Multiview (PbP, PiP)                | PiP+PbP                                    |
| Colour space (sRGB) CIE 1976 %      | 127.5                                      |
| Colour space (DCI-P3) CIE 1976 %    | 98.5                                       |
| Colour space (Adobe RGB) CIE 1976 % | 96.3                                       |
| Flicker-Free                        | Flicker Free                               |
| Delta E<2 (sRGB)                    | Delta E<2 (sRGB)                           |

## CABINET INFORMATION

|                              |                   |
|------------------------------|-------------------|
| Bezel type (front)           | 4-sided frameless |
| Bezel Colour (front)         | Black             |
| Bezel finishing (front)      | Texture           |
| Cabinet colour (backside)    | Black             |
| Cabinet finishing (backside) | Texture           |
| Light FX (RGB)               | Yes               |
| Removable stand              | Yes               |
| Speakers                     | Yes               |
| Speaker power                | 8 W x 2           |
| Kensington Lock              | Yes               |
| Vesa wallmount               | 100x100           |
| Stand screw spec             | M8 x L32          |
| VESA Mount Support           | Yes               |

## ERGONOMIC INFORMATION

|                    |                   |
|--------------------|-------------------|
| Tilt               | 3° ±2° ~ 13° ±2°  |
| Height adjust (mm) | 100mm             |
| Swivel             | 15° ±2° ~ 15° ±2° |

## CONNECTIVITY INFORMATION

|                      |  |
|----------------------|--|
| HDMI                 | HDMI 2.0 x 2   |
| Display Port         | DisplayPort 1.4 x 1  |
| USB-C connectivity   | USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W) |
| USB Hub              | Yes  |
| USB Hub speed        | USB 3.2 (Gen 1)  |
| USB downstream ports | 4  |
| USB fast charge port | Yes  |
| Audio Output         | Headphone out (3.5mm)  |

## POWER CONSUMPTION

|   |          |
|---|----------|
| Power supply                            | Internal |
| Power consumption on (typical) in watts | 103      |
| Power consumption standby in watts      | 0.5      |
| Power consumption off in watts          | 0.5      |

## 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 |

## MAXIMUM RESOLUTION BY CONNECTOR

|                          |                 |
|--------------------------|-----------------|
| Optimal Resolution DP    | 3440x1440@240Hz |
| Optimal Resolution HDMI  | 3440x1440@100Hz |
| Optimal Resolution USB-C | 3440x1440@240Hz |