



- **HDMI 2.1**
- **USB Hub**
- **ERGONOMIC DESIGN**
- **E-sports monitor stand**
- **GMENU**
- **0.5ms MPRT - Moving Picture Response Time**

# USB HUB

Built-in USB hubs in AOC's monitors bring ease of use and practicality to your desk. Side mounted ports are easily reachable without even looking at them; negating time wasted searching the backside of a PC case to find a free USB port.

## ERGONOMIC DESIGN

Ergonomic stand to maintain comfort and prevent strain during long gaming sessions. It offers a wide range of motion and easy height, tilt, and swivel adjustments, accommodating the proper ergonomics and your personal preferences.



## E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.

## G MENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



## 0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, "ghosting" and "blurring" effects are reduced, resulting in a smoother, more "fluid" feeling gaming experience.

| GENERAL                |                                          | VIDEO FEATURES                      |                                   | ERGONOMICS           |                                                                          |
|------------------------|------------------------------------------|-------------------------------------|-----------------------------------|----------------------|--------------------------------------------------------------------------|
| Model Name             | U27G4R                                   | Sync technology (VRR)               | Adaptive Sync                     | Tilt                 | 3.5° ±1.5° ~ 21.5° ±1.5°                                                 |
| Brand                  | AOC                                      | NVIDIA G-SYNC™                      | NVIDIA G-SYNC Compatible          | Height adjust (mm)   | 130mm                                                                    |
| Channel                | Gaming                                   | Digital Signal Frequency Vertical   | UHD: 48~160Hz / FHD: 48~320Hz     | Swivel               | 30 ±2° ~30° ±2°                                                          |
| Product line           | AOC Gaming                               | Digital Signal Frequency Horizontal | UHD: 30k~360kHz / FHD: 30k~360kHz | Pivot                | 90° ±2° ~ 90° ±2°                                                        |
| Design family          | G4                                       | HDR (High Dynamic Range)            | VESA Certified DisplayHDR™ 400    | GAMING FEATURES      |                                                                          |
| EAN                    | 4038986682688                            | Blue Light Technology               | TUV Low Blue Light (hardware)     | Gaming style         | Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| DISPLAY INFORMATION    |                                          | Multiview (PbP, PiP)                | PiP+PbP                           | Game mode            | RTS, FPS, Racing, Gamer 1, Gamer 2, Off                                  |
| Screen size (inch)     | 27,0                                     | Colour space (sRGB) CIE 1976 %      | 124,7                             | Gaming convenience   | G-menu                                                                   |
| Screen size (cm)       | 68,6                                     | Colour space (DCI-P3) CIE 1976 %    | 95,9                              | PS5 Compatibility    | 3840x2160@120Hz                                                          |
| Flat / Curved          | Flat                                     | Colour space (Adobe RGB) CIE 1976 % | 93,4                              | Xbox X Compatibility | 3840x2160@120Hz                                                          |
| Panel treatment        | Antiglare (AG)                           | Flicker-Free                        | Flicker Free                      | Xbox S Compatibility | 2560x1440@120Hz                                                          |
| Pixels per Inch        | 163,0                                    | CABINET INFORMATION                 |                                   | SUSTAINABILITY       |                                                                          |
| Panel resolution       | 3840x2160 / 1920x1080 Dual Frame Monitor | Bezel Colour (front)                | Black                             | TCO Certified        | No                                                                       |
| Aspect ratio           | 16:9                                     | Cabinet colour (backside)           | Black, Red                        | WEEE                 | Yes                                                                      |
| Panel type             | Fast IPS                                 | Cabinet finishing (backside)        | Matt                              | REACH compliant      | Yes                                                                      |
| Backlight type         | WLED                                     | Removable stand                     | Yes                               | RoHs compliant       | Yes                                                                      |
| Max Refresh rate       | UHD@160Hz / FHD@320Hz Dual Frame Monitor | Kensington Lock                     | Yes                               | PVC/BFR free housing | Yes                                                                      |
| Response time GtG      | 1 ms                                     | Vesa wallmount                      | 100x100                           | Mercury free         | Yes                                                                      |
| Response time MPRT     | UHD 0.5ms / FHD 0.3 ms                   | Recycable packaging material        |                                   |                      |                                                                          |
| Static contrast ratio  | 1000:1                                   | Carton material                     |                                   |                      |                                                                          |
| Dynamic contrast ratio | 80M:1                                    | Paper                               |                                   |                      |                                                                          |
| Viewing angle (CRI0)   | 178/178                                  |                                     |                                   |                      |                                                                          |
| Display colours        | 1.07 billion (10-bit HDMI/DP @120Hz)     |                                     |                                   |                      |                                                                          |
| Brightness in nits     | 400 cd/m²                                |                                     |                                   |                      |                                                                          |
| Local Dimming Zones    | Global Dimming                           |                                     |                                   |                      |                                                                          |

## POWER CONSUMPTION

|              |          |
|--------------|----------|
| Power supply | Internal |
|--------------|----------|

|                                         |      |
|-----------------------------------------|------|
| Power consumption on (typical) in watts | 34,0 |
|-----------------------------------------|------|

|                                    |     |
|------------------------------------|-----|
| Power consumption standby in watts | 0,5 |
|------------------------------------|-----|

|                                |     |
|--------------------------------|-----|
| Power consumption off in watts | 0,3 |
|--------------------------------|-----|

|              |   |
|--------------|---|
| Energy class | F |
|--------------|---|

## REGULATORY COMPLIANCE

|    |     |
|----|-----|
| CB | Yes |
|----|-----|

|    |     |
|----|-----|
| CE | Yes |
|----|-----|

|                 |     |
|-----------------|-----|
| TUV-Bauart-Mark | Yes |
|-----------------|-----|

|              |     |
|--------------|-----|
| ISO 9241-307 | Yes |
|--------------|-----|

|     |     |
|-----|-----|
| EAC | Yes |
|-----|-----|

|     |     |
|-----|-----|
| FCC | Yes |
|-----|-----|

|      |     |
|------|-----|
| UKCA | Yes |
|------|-----|

## CONNECTIVITY INFORMATION

|      |              |
|------|--------------|
| HDMI | HDMI 2.1 x 2 |
|------|--------------|

|                             |              |
|-----------------------------|--------------|
| Digital HDCP (HDMI version) | HDCP 1.4/2.2 |
|-----------------------------|--------------|

|             |                     |
|-------------|---------------------|
| DisplayPort | DisplayPort 1.4 x 1 |
|-------------|---------------------|

|         |     |
|---------|-----|
| USB Hub | Yes |
|---------|-----|

|                     |           |
|---------------------|-----------|
| USB type downstream | 4 x USB-A |
|---------------------|-----------|

|                      |     |
|----------------------|-----|
| USB fast charge port | Yes |
|----------------------|-----|

|              |                       |
|--------------|-----------------------|
| Audio Output | Headphone out (3.5mm) |
|--------------|-----------------------|

|                 |              |
|-----------------|--------------|
| DP HDCP version | HDCP 1.4/2.2 |
|-----------------|--------------|

|                   |           |
|-------------------|-----------|
| USB Type upstream | 1 x USB-B |
|-------------------|-----------|

|                |                           |
|----------------|---------------------------|
| USB generation | USB 3.2 (Gen 1), 5 Gbit/s |
|----------------|---------------------------|

## PRODUCT DIMENSIONS

|                                          |                             |
|------------------------------------------|-----------------------------|
| Product dimensions incl. base (WxHxD) mm | 613.9 x 516.0~386.0 x 227.6 |
|------------------------------------------|-----------------------------|

|                                          |                        |
|------------------------------------------|------------------------|
| Product dimensions excl. base (WxHxD) mm | 613.9 x 366.31 x 51.28 |
|------------------------------------------|------------------------|

|                                 |                 |
|---------------------------------|-----------------|
| Packaging dimensions (WxHxD) mm | 825 x 481 x 162 |
|---------------------------------|-----------------|

|                                    |      |
|------------------------------------|------|
| Gross weight incl. package (in kg) | 9,95 |
|------------------------------------|------|

|                                  |      |
|----------------------------------|------|
| Net weight excl. package (in kg) | 6,35 |
|----------------------------------|------|

|                            |      |
|----------------------------|------|
| Product without stand (kg) | 4,41 |
|----------------------------|------|

## SOFTWARE

|          |        |
|----------|--------|
| Software | G-Menu |
|----------|--------|

## WHAT'S IN THE BOX

|            |     |
|------------|-----|
| HDMI cable | 1.8 |
|------------|-----|

|                   |     |
|-------------------|-----|
| Displayport cable | 1.8 |
|-------------------|-----|

|             |     |
|-------------|-----|
| Power Cable | Yes |
|-------------|-----|

## OTHER INFORMATION

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