# AG246FK

**Forge a new frontier in gaming with the AGON AG246FK, a 24.1-inch Full HD monitor designed for eSports excellence featuring a refresh rate at 540Hz for top-tier performance**

Featuring a groundbreaking 540Hz refresh rate, this monitor ensures ultra-smooth visuals crucial for competitive gaming. The Pro eSports design includes a TN eSports panel for lightning-fast response times, and a brightness level that can reach 400 nits for vibrant colors and stunning contrast. Covering 99% of the sRGB color space that enhance gameplay realism and immersion to the fullest extent., it’s perfect for gaming . With an ergonomic stand, low input lag, integrated USB hub, customizable RGB Light FX, and Gmenu, the model offers unmatched connectivity and image quality. Additionally, special FPS settings and an included gamepad for easy OSD access make it the ultimate choice for professional gamers.

| GENERAL | |
|---|---|
| Model Name | AG246FK |
| Channel | Gaming |
| Product line | AGON PRO |
| Design family | AG6 |

| SCREEN | |
|---|---|
| Screen size (inch) | 24.1 |
| Screen size (cm) | 61.21 |
| Flat / Curved | Flat |
| Panel treatment | Antiglare (AG) |
| Panel resolution | 1920x1080 |
| Resolution name | FHD |
| Aspect ratio | 16:9 |
| Panel type | Ultra-Fast TN eSports |
| Backlight type | WLED |
| Max Refresh rate | 540 Hz |
| Response time GtG | 0.5 ms |
| Response time MPRT | 0.3 ms |
| Static contrast ratio | 1000:1 |
| Dynamic contrast ratio | 80M:1 |
| Display colours | 16.7 Million |
| Brightness in nits | 400 cd/m2 |

| EXTERIOR | |
|---|---|
| Bezel type (front) | 3-sided frameless |
| Bezel Colour (front) | Black |
| Bezel finishing (front) | Matt |
| Cabinet colour (backside) | Black |
| Cabinet finishing (backside) | Matt |

| ERGONOMICS | |
|---|---|
| Vesa wallmount | 100x100 |
| Tilt | -5 (+3/-0) ~ +25 (-3/+0) |
| Swivel | 28° ±2° ~28° ±2° |
| Pivot | 90° ±2° ~ 90° ±2° |
| Height adjust (mm) | 150mm |

| CONNECTIVITY AND MULTIMEDIA | |
|---|---|
| HDMI | HDMI 2.0 x 2 |
| DisplayPort | DisplayPort 1.4 x 1 |
| USB Hub | ✓ |
| USB Hub speed | USB 3.2 (Gen 1) |
| USB downstream ports | 4 |
| USB fast charge port | ✓ |

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

| FEATURES | |
|---|---|
| Sync technology (VRR) | Adaptive Sync |
| AMD FreeSync™ | AMD FreeSync Premium |
| Blue Light Technology | Low Blue Light |
| Multiview (PbP, PiP) | PiP+PbP |
| Flicker-Free | Flicker Free |
| Kensington Lock | ✓ |
| Colour space (sRGB) CIE 1976 % | 99.6 |
| Colour space (DCI-P3) CIE 1976 % | 94.7 |

| GAMING FEATURES | |
|---|---|
| Gaming style | Shooters, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| Gaming convenience | G-menu |
| Low input Lag | ✓ |
| Game Color | ✓ |
| Shadow Control | ✓ |
| Motion Blur Reduction | ✓ |
| Crosshair / Dial Point | ✓ |
| Frame Counter | ✓ |
| Quick Switch | ✓ |
| Good for Console Gaming | ✓ |
| PS5 Compatibility | 1920x1080@120Hz |
| Xbox X Compatibility | 1920x1080@120Hz |
| Xbox S Compatibility | 1920x1080@120Hz |

| SUSTAINABILITY | |
|---|---|
| TCO Certified | No |

| POWER / ENVIRONMENTAL | |
|---|---|
| Power supply | Internal |
| Power consumption standby in watts | 0.5 |
| Power consumption off in watts | 0.3 |
| Energy class | E |

| PRODUCT DIMENSIONS (METRIC) | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | 557.0 x (380.8~489.8) x 228.9 |
| Product dimensions excl. base (WxHxD) mm | 557.0 × 331.4 × 73 |
| Packaging dimensions (WxHxD) mm | 650 x 188 x 420 |
| Gross weight incl. package (in kg) | 8.45 |
| Product with stand (kg) | 5 |
| Product without stand (kg) | 3.75 |

| WHAT'S IN THE BOX | |
|---|---|
| HDMI cable | 1x |
| Displayport cable | 1x |
| USB-B upstream cable | 1.8 |
| Power Cable | ✓ |