

## ASUS ROG Strix XG27ACS computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

**Brand :** ASUS

**Product family:** ROG Strix

**Product code:** 90LM09Q0-B01170

**Product name :** XG27ACS

- 27-inch 2560 x 1440 HDR gaming monitor with ultrafast 180Hz refresh rate designed for professional gamers and immersive gameplay
  - ASUS Fast IPS technology enables a 1ms response time (GTG) for sharp gaming visuals with high frame rates
  - ASUS Extreme Low Motion Blur Sync (ELMB SYNC) technology enables ELMB together with variable refresh rate, eliminating ghosting and tearing for sharp gaming visuals with high frame rates
  - DisplayWidget Center enables easy OSD access and monitor settings adjustments with a mouse
  - USB Type-C hub supports video transmission in DisplayPort signal; can serve as a USB hub, meaning that you can connect your device to your wired peripherals with clutter-free set-up
- ROG Strix XG27ACS USB Type-C Gaming Monitor – 27-inch 2560x1440, 180Hz (Above 144Hz), 1ms (GTG), Fast IPS, Extreme Low Motion Blur Sync, USB Type-C, G-Sync compatible, DisplayWidget Center, tripod socket, HDR



| Display                             |                      | Ports & interfaces                        |              |
|-------------------------------------|----------------------|-------------------------------------------|--------------|
| Display diagonal *                  | 68.6 cm (27")        | DisplayPort version                       | 1.4          |
| Display resolution *                | 2560 x 1440 pixels   | Headphone out *                           | ✓            |
| HD type *                           | Quad HD              | Headphone outputs                         | 1            |
| Native aspect ratio *               | 16:9                 | Headphone connectivity                    | 3.5 mm       |
| Display technology *                | LED                  | HDCP                                      | ✓            |
| Panel type *                        | Fast IPS             | HDCP version                              | 2.2          |
| Touchscreen *                       | ✗                    | AC (power) in                             | ✓            |
| Display brightness (peak)           | 400 cd/m²            | <b>Ergonomics</b>                         |              |
| Display brightness (typical)        | 350 cd/m²            | VESA mounting *                           | ✓            |
| Response time *                     | 1 ms                 | Panel mounting interface                  | 100 x 100 mm |
| Anti-glare screen                   | ✓                    | Wall mountable                            | ✓            |
| Screen shape *                      | Flat                 | Cable management                          | ✓            |
| Contrast ratio (typical) *          | 1000:1               | Cable lock slot *                         | ✓            |
| Maximum refresh rate *              | 180 Hz               | Cable lock slot type                      | Kensington   |
| Viewing angle, horizontal           | 178°                 | Height adjustment *                       | ✓            |
| Viewing angle, vertical             | 178°                 | Adjustable height (max)                   | 12 cm        |
| Display number of colours *         | 16.7 million colours | Pivot                                     | ✓            |
| Pixel pitch                         | 0.233 x 0.233 mm     | Pivot angle                               | -90 - 90°    |
| Viewable size, horizontal           | 59.7 cm              | Swivelling                                | ✓            |
| Viewable size, vertical             | 33.6 cm              | Swivel angle range                        | -45 - 45°    |
| Digital horizontal frequency        | 30 - 255 kHz         | Tilt adjustment                           | ✓            |
| Digital vertical frequency          | 48 - 180 Hz          | Tilt angle range                          | -5 - 20°     |
| High Dynamic Range (HDR) supported  | ✓                    | <b>Power</b>                              |              |
| High Dynamic Range (HDR) technology | DisplayHDR 400       | Energy efficiency class (SDR) *           | F            |
| Colour gamut standard               | DCI-P3               | Energy efficiency class (HDR) *           | G            |
| Colour gamut                        | 97%                  | Energy consumption (SDR) per 1000 hours * | 26 kWh       |
| sRGB coverage (typical)             | 133%                 |                                           |              |

| Performance                           |                   | Power                                                       |          |
|---------------------------------------|-------------------|-------------------------------------------------------------|----------|
| NVIDIA G-SYNC *                       | ✓                 | Energy consumption (HDR) per 1000 hours *                   | 45 kWh   |
| NVIDIA G-SYNC type                    | G-SYNC Compatible | Power consumption (typical) *                               | 23.1 W   |
| AMD FreeSync *                        | ✓                 | Power consumption (off)                                     | 0.3 W    |
| AMD FreeSync type                     | FreeSync          | Power consumption (PowerSave)                               | 0.5 W    |
| VESA Adaptive Sync support            | ✓                 | Power supply type                                           | Internal |
| Flicker-free technology               | ✓                 | Energy efficiency scale                                     | A to G   |
| Low Blue Light technology             | ✓                 | European Product Registry for Energy Labelling (EPREL) code | 1854532  |
| Game mode                             | ✓                 |                                                             |          |
| Multimedia                            |                   | Weight & dimensions                                         |          |
| Built-in speaker(s) *                 | ✗                 | Width (with stand)                                          | 641.8 mm |
| Built-in camera *                     | ✗                 | Depth (with stand)                                          | 218.8 mm |
|                                       |                   | Height (with stand)                                         | 512.9 mm |
| Design                                |                   | Weight (with stand)                                         | 6.61 kg  |
| Market positioning *                  | Gaming            | Width (without stand)                                       | 641.8 mm |
| Product colour *                      | Black             | Depth (without stand)                                       | 60.1 mm  |
| Detachable stand                      | ✓                 | Height (without stand)                                      | 367.1 mm |
| Feet colour                           | Black             | Weight (without stand)                                      | 3.93 kg  |
| Ports & interfaces                    |                   | Packaging data                                              |          |
| Built-in USB hub *                    | ✗                 | Package width                                               | 780 mm   |
| USB Type-C downstream ports quantity  | 1                 | Package depth                                               | 515 mm   |
| USB Type-C DisplayPort Alternate Mode | ✓                 | Package height                                              | 226 mm   |
| USB Power Delivery (USB PD)           | ✓                 | Package weight                                              | 10.1 kg  |
| USB Power Delivery up to              | 7.5 W             | Package type                                                | Box      |
| HDMI *                                | ✓                 |                                                             |          |
| HDMI ports quantity                   | 1                 | Packaging content                                           |          |
| HDMI version                          | 2.0               | Stand included                                              | ✓        |
| DisplayPorts quantity                 | 1                 | Other features                                              |          |
|                                       |                   | Shadow control                                              | ✓        |
|                                       |                   | Motion blur reduction                                       | ✓        |