



45GX90SA-B.AUS

45" UltraGear™ OLED WQHD 1440p 240Hz 0.03ms G-Sync  
Compatible AI Smart Gaming Monitor with webOS

45" WQHD (3440x1440) OLED Curved (800R) Display  
240Hz Refresh Rate & 0.03ms Response Time  
webOS 24 Smart  
NVIDIA® G-SYNC® Compatible & AMD FreeSync™ Premium  
USB Type-C 65W, HDMI2.1, DisplayPort 1.4



| PICTURE QUALITY               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| Screen Size                   | 44.5"                                                        |
| Resolution                    | 3440 x 1440                                                  |
| Display Type                  | OLED                                                         |
| Curvature                     | 800R                                                         |
| Color Gamut (Typ.)            | DCI-P3 98.5% (CIE1976)                                       |
| Color Depth(Number of Colors) | 1.07B                                                        |
| Pixel Pitch(mm)               | 0.303 x 0.303                                                |
| Response Time (GTG)           | 0.03ms (GTG)                                                 |
| Refresh Rate                  | 240Hz                                                        |
| Aspect Ratio                  | 21:9                                                         |
| Brightness                    | (Typ.) 275 cd/m <sup>2</sup><br>(Min.) 250 cd/m <sup>2</sup> |
| Peak Brightness (Typ.)        | 1300cd/m <sup>2</sup><br>(@HDR 1.5% APL)                     |
| Peak Brightness (Min.)        | 1040cd/m <sup>2</sup><br>(@HDR 1.5% APL)                     |
| Contrast Ratio                | 1500000:1 (Typ.)                                             |
| Viewing Angle                 | 178°(R/L), 178°(U/D)                                         |
| INPUT/OUTPUT                  |                                                              |
| HDMI                          | Yes x 2                                                      |
| HDMI Version                  | 2.1                                                          |
| DisplayPort                   | Yes x 1                                                      |
| DP Version                    | 1.4 (DSC)                                                    |
| USB Type-C                    | Yes x 1                                                      |
| Headphone Out                 | 3-pole (Sound Only)                                          |
| USB Up-stream                 | Yes (via USB-C)                                              |
| USB Down-stream               | Yes (2ea/ver2.0)                                             |
| USB-C (Data Transssmission)   | Yes                                                          |
| USB-C (Power Delivery)        | 65W                                                          |
| LAN (RJ-45)                   | Yes x 1                                                      |
| NETWORK                       |                                                              |
| Bluetooth                     | Yes                                                          |
| LAN                           | Yes                                                          |
| Wi-Fi                         | Yes                                                          |

| POWER                       |                                    |
|-----------------------------|------------------------------------|
| Type                        | External Power(Adapter)            |
| Input                       | 100~240V (50/60Hz)                 |
| Power Save/Sleep Mode (Max) | Less than 0.5W                     |
| DC Off (Max)                | Less than 0.5W                     |
| SPECIAL FEATURES            |                                    |
| HDR10                       | Yes                                |
| VESA DisplayHDR™            | DisplayHDR™ TRUE BLACK 400         |
| HDR Effect                  | Yes                                |
| Factory Calibrated          | Yes                                |
| NVIDIA G-Sync™              | G-SYNC Compatible                  |
| AMD FreeSync™               | FreeSync Premium                   |
| VRR                         | Yes                                |
| VESA Adaptive Sync          | Yes                                |
| Auto Brightness             | Yes                                |
| Reader Mode                 | Yes                                |
| Black Stabilizer            | Yes                                |
| Dynamic Action Sync         | Yes                                |
| Crosshair                   | Yes                                |
| FPS Counter                 | Yes                                |
| User Define Key             | Yes                                |
| Smart Energy Saving         | Yes                                |
| PBP                         | 2PBP                               |
| PIP                         | Yes                                |
| RGB LED Lighting            | Hexagon Lighting                   |
| LG Switch                   | Yes                                |
| SMART                       |                                    |
| webOS Version               | webOS 24                           |
| Home Hub                    | Yes                                |
| Web Browser                 | Yes                                |
| USB Media Player            | Yes                                |
| Voice Recognition           | Yes (Magic Remote sold separately) |

| ThinQ App                    | Yes                                                        |
|------------------------------|------------------------------------------------------------|
| Wireless Screen Share        | Yes                                                        |
| AirPlay                      | Yes                                                        |
| Remote Desktop               | Yes                                                        |
| SOUND                        |                                                            |
| Speaker                      | Yes                                                        |
| Equalizer                    | Yes                                                        |
| Bluetooth Speaker            | Yes                                                        |
| Bluetooth Connectivity       | Yes                                                        |
| DIMENSIONS / WEIGHTS         |                                                            |
| With Stand (WxHxD)           | 39.1" x 26.1" x 13.3" (Up)<br>39.1" x 21.3" x 13.3" (Down) |
| Without Stand (WxHxD)        | 39.1" x 18" x 8.6"                                         |
| Shipping Dimensions (WxHxD)  | 45" x 11.9" x 21.7"                                        |
| With Stand Weight            | 29.8 lbs                                                   |
| Without Stand Weight         | 19.6 lbs                                                   |
| Shipping Weight              | 41.7 lbs                                                   |
| STAND                        |                                                            |
| Display Position Adjustments | Tilt/Height/Swivel                                         |
| CABINET / ACCESSORIES        |                                                            |
| Wall Mount Size (mm)         | 100 x 100                                                  |
| Remote Control               | Yes                                                        |
| Battery (For remote control) | Yes                                                        |
| Display Port Cable           | Yes                                                        |
| HDMI Cable                   | Yes (ver 2.1)                                              |
| USB Type-C Cable             | Yes                                                        |
| WARRANTY                     |                                                            |
| Limited Warranty             | 2 Year Parts and Labor                                     |
| UPC                          | 195174115114                                               |