

# See beyond the Game. Visualize your victory.



Picture and logos

## SELLING POINTS

- Curved Gaming display (1500R) - The best gameplay immersion.
- Mystic Light - The ultimate gaming finish.
- WQHD High Resolution - Game titles will even look better, displaying more details due to the WQHD resolution.
- 165Hz Refresh Rate - Real smooth gaming.
- 1ms response time - eliminate screen tearing and choppy frame rates.
- Gaming OSD App - Create the ultimate viewing settings for your game.
- HDR Ready-Provide eye-catching detail through contrast and shadows adjustment.
- Night Vision: See every detail clearly in the dark, helping you find and attack enemies before they notice.
- Connect with Type-C: Easily connect your laptop or PC to the MSI Optix MAG322CQR display via type-C port.
- AMD FreeSync - prevent screen tearing.
- Anti-Flicker and Less Blue Light - game even longer and prevent eye strain and fatigue.
- Frameless design - Ultimate gameplay experience.
- 178° wide view angle.



1. 5-Way Navigator
2. 1x Display Port 1.2a
3. 2x HDMI™ 2.0b
4. 1x USB Type C (For DP and Charge)
5. 1x Earphone
6. 1x USB 2.0 Type B (PC to Monitor)
7. 1x Kensington Lock
8. 2x USB 2.0 Type A



MONITOR  
Optix MAG322CQR  
OPTIX MAG322CQR

## SPECIFICATION

|                   |   |                                    |
|-------------------|---|------------------------------------|
| Barcode Info      | EAN   | 4719072668754                      |
|                   | UPC   | 824142195291                       |
|                   | UCC14                                       | 10824142195298                     |
| Model             | Part No                                     | 9S6-3DA75A-001                     |
|                   | MKT Name                                    | Optix MAG322CQR                    |
|                   | MKT Spec                                    | Optix MAG322CQR                    |
|                   | SKU Number                                  | 0                                  |
|                   | Color                                       | ID1/Black-Black                    |
| Display           | Screen Size                                 | 31.5" (80 cm)                      |
|                   | Active Display Area (mm)                    | 697.344(H)X392.256(V)              |
|                   | Curvature                                   | Curve 1500R                        |
|                   | Panel Type                                  | VA                                 |
|                   | Resolution                                  | 2560x1440 (WQHD)                   |
|                   | Pixel pitch                                 | 0.2724(H)X0.2724(V)                |
|                   | Aspect Ratio                                | 16:9                               |
|                   | Dynamic Refresh Rate technology             | FreeSync                           |
|                   | HDR (High dynamic range)                    | HDR ready                          |
|                   | SDR Brightness (nits)                       | 300                                |
|                   | Contrast Ratio                              | 3000:1                             |
|                   | DCR (Dynamic Contrast Ratio)                | 100000000:1                        |
|                   | Signal Frequency                            | 70.56~243.38 KHz(H) / 48~165 Hz(V) |
|                   | Activated Range                             | 48-165Hz                           |
|                   | Refresh Rate                                | 165Hz                              |
|                   | Response Time (MPRT)                        | 1ms(MPRT)                          |
|                   | Response Time (GTG)                         | 4ms                                |
|                   | View Angles                                 | 178°(H)/178°(V)                    |
|                   | Surface Treatment                           | Anti-glare                         |
|                   | NTSC (CIE1976 area percentage/overlap)      | 108.2%/87.4%                       |
|                   | NTSC (CIE1931 area percentage/overlap)      | 89.4%/81.5%                        |
|                   | SRGB (CIE1976 area percentage/overlap)      | 124.1%/99.7%                       |
|                   | SRGB (CIE1931 area percentage/overlap)      | 126.2%/99.9%                       |
|                   | Adobe RGB (CIE1976 area percentage/overlap) | 106.3%/91.9%                       |
|                   | Adobe RGB (CIE1931 area percentage/overlap) | 93.6%/84.8%                        |
| I/O Ports         | DCI-P3 (CIE1976 area percentage/overlap)    | 98.8%/95.7%                        |
|                   | DCI-P3 (CIE1931 area percentage/overlap)    | 93.0%/91.4%                        |
|                   | Rec.709 (CIE1976 area percentage/overlap)   | 124.1%/99.7%                       |
|                   | Rec.709 (CIE1931 area percentage/overlap)   | 126.2%/99.9%                       |
|                   | Display Colors                              | 1.07B                              |
|                   | Color bit                                   | 10 bits (8 bits + FRC)             |
|                   | Note_DP                                     | 2560 x1440 (Up to 165Hz)           |
|                   | Note_HDMI™                                  | 2560 x 1440 (Up to 144Hz)          |
|                   | Note_DVI                                    | N/A                                |
|                   | HDMI™                                       | 2                                  |
|                   | HDMI™ version                               | 2.0                                |
|                   | HDMI™ HDCP version                          | 2.2                                |
| I/O Ports (Front) | DisplayPort                                 | 1                                  |
|                   | DisplayPort version                         | 1.2a                               |
|                   | DisplayPort HDCP version                    | 2.2                                |
|                   | USB Type C (DisplayPort Alternate)          | 1                                  |
|                   | Headphone-out                               | 1                                  |
|                   | Lock type                                   | Kensington Lock                    |
|                   | USB 2.0 Type B                              | 1                                  |
|                   | USB 2.0 Type A                              | 2                                  |



MONITOR

## Optix MAG322CQR

OPTIX MAG322CQR

|   |  |                            |
|---|--|----------------------------|
| Power                                   | Power Type                                     | External Adaptor 19V 3.42A |
|   | Power Input                                    | 100~240V, 50/60Hz          |
|   | Energy Efficiency Rating                       | G                          |
|   | Adapter's KC safety Number                     | N/A                        |
|   | Power Cord Type                                | N/A                        |
|   | QC Output                                      | N/A                        |
|   | QC Output Power                                | N/A                        |
|   | PD Output                                      | N/A                        |
|   | PD Output Power                                | N/A                        |
| In The Box                              | DisplayPort Cable                              | 1                          |
|   | HDMI™ Cable                                    | 1                          |
|   | DVI Cable                                      | 0                          |
|   | USB Type A to Type B Cable                     | 1                          |
|   | USB Type C to Type A Cable                     | N/A                        |
|   | USB Type C to Type C Cable                     | 0                          |
|   | Thunderbolt Cable                              | N/A                        |
|   | VGA Cable                                      | 0                          |
|   | 3.5mm audio Cable                              | 0                          |
|   | 3.5mm combo audio Cable                        | 0                          |
|   | Power Cord                                     | 1                          |
|   | AC Adaptor                                     | 1                          |
|   | Warranty Card                                  | 1                          |
|   | Quick Guide                                    | 1                          |
| Design                                  | Adjustment (Tilt)                              | -5° ~ 20°                  |
|   | Adjustment (Height)                            | 0 ~ 130 mm                 |
|   | VESA Mounting                                  | 100x100mm                  |
|   | Frameless Design                               | Yes                        |
| Outer Carton Dimension (WxDxH)          | Outer Carton Dimension (WxDxH) (mm)            | 957 x 180 x 540            |
|   | Outer Carton Dimension (WxDxH) (inch)          | 37.68 x 7.09 x 21.26       |
| Product Dimension with Stand (WxDxH)    | Product Dimension with Stand (WxDxH) (mm)      | 710.5 x 266.5 x 513.6      |
|   | Product Dimension with Stand (WxDxH) (inch)    | 27.97 x 10.49 x 20.22      |
| Product Dimension without Stand (WxDxH) | Product Dimension without Stand (WxDxH) (mm)   | 710.5 x 99.2 x 423.3       |
|   | Product Dimension without Stand (WxDxH) (inch) | 27.97 x 3.91 x 16.67       |
| Stand Dimension (WxDxH)                 | Stand Dimension (WxDxH) (mm)                   | 470 x 266.5 x 410.2        |
|   | Stand Dimension (WxDxH) (inch)                 | 18.5 x 10.49 x 16.15       |
| Dimension & Weight                      | Inside Carton Dimension (WxDxH) (mm)           | 947 x 162 x 520            |
|   | Inside Carton Dimension (WxDxH) (inch)         | 37.28 x 6.38 x 20.47       |
|   | Weight (Net kg)                                | 7                          |
|   | Weight (Gross kg)                              | 10                         |
| Warranty                                | Warranty                                       | 36M                        |