



MONITOR

MAG 321CUPDF

MAG 321CUPDF

## PATH TO THE FUTURE

Introducing the MSI MAG 321CUPDF dual-mode gaming monitor. This cutting-edge monitor features a 32-inch display with a lightning-fast 320/160Hz refresh rate and a rapid 0.5ms response time. With the MAG 321CUPDF, you will have the competitive advantage needed to outperform and defeat your opponents in gaming battles.



Picture and logos

## SELLING POINTS

- Rapid VA Panel – Provides 0.5ms (GtG, Min.) response time, optimizes screen colors and brightness.
- Dual-mode – lets you choose the resolution and refresh rate based on your game.
- 0.5ms (GtG, Min.) Response Time – Eliminate screen tearing and choppy frame rates.
- Adjustable Stand – Easily change the position of the monitor for maximum ergonomics.
- AI Vision – The new AI Vision technology can not only reveal details in dark areas but also enhance overall brightness and saturate colors.



1. 5-Way Joystick Navigator
2. DC-in
3. Earphone out
4. DisplayPort 1.4a
5. 2 x HDMI™ (2.1)
6. DisplayPort(1.4a)
7. USB Type-C (PD 15W)



M O N I T O R

MAG 321CUPDF

M A G 3 2 1 C U P D F

## SPECIFICATION

|           |                                             |                                                                         |
|-----------|---------------------------------------------|-------------------------------------------------------------------------|
| Model     | Part No                                     | 9S6-3DC54A-035                                                          |
|           | Color                                       | ID1/Black-Black                                                         |
| Display   | Screen Size                                 | 31.5" (80.01 cm)                                                        |
|           | Active Display Area (mm)                    | 596.16(H) x 335.34(V)                                                   |
|           | Curvature                                   | Curve 1500R                                                             |
|           | Panel Type                                  | Rapid VA                                                                |
|           | Resolution                                  | 3840x2160 (UHD)                                                         |
|           | Pixel pitch (mm)                            | 0.18159(H)x0.18159(V)                                                   |
|           | Aspect Ratio                                | 16:9                                                                    |
|           | Dynamic Refresh Rate technology             | AMD FreeSync™ Premium                                                   |
|           | Dynamic Refresh Rate Activated Range        | UHD : 60~160Hz, FHD : 60~320Hz                                          |
|           | HDR (High dynamic range)                    | DisplayHDR 400                                                          |
|           | SDR Brightness (nits)                       | 350                                                                     |
|           | HDR Brightness (Peak nits)                  | 400                                                                     |
|           | Contrast Ratio                              | 3000:1                                                                  |
|           | DCR (Dynamic Contrast Ratio)                | 100000000:1                                                             |
|           | Signal Frequency                            | UHD:180~317 KHz(H) / 60~160 Hz(V),<br>FHD:180~356 KHz(H) / 60~320 Hz(V) |
|           | Refresh Rate                                | UHD:160Hz, FHD:320Hz                                                    |
|           | Response Time (MPRT)                        | 1ms(MPRT)                                                               |
|           | Response Time (GTG)                         | 0.5ms                                                                   |
|           | View Angles                                 | 178°(H)/178°(V)                                                         |
|           | NTSC (CIE1976 area percentage/overlap)      | 119%/88%                                                                |
|           | NTSC (CIE1931 area percentage/overlap)      | 95%/84%                                                                 |
|           | sRGB (CIE1976 area percentage/overlap)      | 136%/99%                                                                |
|           | sRGB (CIE1931 area percentage/overlap)      | 134%/100%                                                               |
|           | Adobe RGB (CIE1976 area percentage/overlap) | 117%/93%                                                                |
|           | Adobe RGB (CIE1931 area percentage/overlap) | 99%/88%                                                                 |
|           | DCI-P3 (CIE1976 area percentage/overlap)    | 108%/97%                                                                |
|           | DCI-P3 (CIE1931 area percentage/overlap)    | 98%/94%                                                                 |
|           | Rec.709 (CIE1976 area percentage/overlap)   | 136%/99%                                                                |
|           | Rec.709 (CIE1931 area percentage/overlap)   | 134%/100%                                                               |
|           | Rec.2020 (CIE1976 area percentage/overlap)  | 79%/78%                                                                 |
|           | Rec.2020 (CIE1931 area percentage/overlap)  | 70%/70%                                                                 |
|           | Surface Treatment                           | Anti-glare                                                              |
|           | Display Colors                              | 1.07B                                                                   |
|           | Color bit                                   | 10 bits (8 bits + FRC)                                                  |
| I/O Ports | USB Type C (DisplayPort Alternate)          | 1                                                                       |
|           | Headphone-out                               | 1                                                                       |
|           | Card reader                                 | N/A                                                                     |
|           | Lock type                                   | Kensington Lock                                                         |
|           | HDMI                                        | 2                                                                       |
|           | HDMI version                                | 2.1                                                                     |
|           | HDMI HDCP version                           | 2.3                                                                     |
|           | DisplayPort                                 | 1                                                                       |
|           | DisplayPort version                         | 1.4a                                                                    |
|           | DisplayPort HDCP version                    | 2.3                                                                     |
| Warranty  | Warranty                                    | 36M                                                                     |
| Power     | Power Type                                  | External Adaptor 19V 4.74A                                              |
|           | Power Input                                 | 100~240V, 50/60Hz                                                       |
|           | On-mode Power Consumption (KWh/1000h)       | 31.4                                                                    |
|           | Annual Energy Consumption (KWh)             | N/A                                                                     |
|           | Standby-mode Power Consumption (W)          | 0.5                                                                     |
|           | Off-mode Power Consumption (W)              | 0.3                                                                     |
|           | Energy Efficiency Rating                    | F                                                                       |
|           | Power Cord Type                             | C5                                                                      |



M O N I T O R

MAG 321CUPDF

M A G 3 2 1 C U P D F

|                              |                                              |                  |
|------------------------------|----------------------------------------------|------------------|
| In The Box                   | DisplayPort Cable                            | 1                |
|                              | HDMI Cable                                   | 0                |
|                              | DVI Cable                                    | 0                |
|                              | USB Type A to Type B Cable                   | 0                |
|                              | USB Type C to Type A Cable                   | 0                |
|                              | USB Type C to Type C Cable                   | 0                |
|                              | Thunderbolt Cable                            | 0                |
|                              | VGA Cable                                    | 0                |
|                              | 3.5mm audio Cable                            | 0                |
|                              | 3.5mm combo audio Cable                      | 0                |
|                              | 3.5mm Mic Cable                              | 0                |
|                              | Power Cord                                   | 1                |
|                              | AC Adaptor                                   | 1                |
|                              | Quick Guide                                  | 1                |
|                              | Warranty Card                                | 0                |
|                              | Mouse Bungee Unit                            | 0                |
| Design                       | Adjustment (Tilt)                            | -5° ~ 20°        |
|                              | Adjustment (Height)                          | 0 ~ 130 mm       |
|                              | VESA Mounting                                | 100x100mm        |
| Dimension & Weight (product) | Product Dimension with Stand (WxDxH) (mm)    | 711 x 267 x 534  |
|                              | Product Dimension without Stand (WxDxH) (mm) | 711 x 99 x 423   |
|                              | Stand Dimension (WxDxH) (mm)                 | 470 x 267 x 410  |
|                              | Weight (Net kg)                              | 6.6              |
|                              | Weight Without Stand (kg)                    | 4.8              |
| Dimension & Weight (box)     | Inside Carton Dimension (WxDxH) (cm)         | 94.7 x 16.2 x 52 |
|                              | Outer Carton Dimension (WxDxH) (cm)          | 95.7 x 18 x 54   |
|                              | Weight (Gross kg)                            | 9.6              |
| Barcode Info                 | EAN                                          | 4711377296878    |