# PATH TO THE FUTURE

Get unmatched clarity with the MAG 321CQF E18 32-inch Gaming Monitor by MSI. Enjoy Rapid VA Panel, WQHD and 180Hz for seamless graphics and fast response. Built for serious gaming—See at MSI!

Picture and logos

## SELLING POINTS

- Rapid VA Panel – Provides 0.5ms (GtG, Min.) response time, optimizes screen colors and brightness.
- 180Hz Refresh Rate – Respond faster with smoother frames.
- 0.5ms (GtG, Min.) Response Time – Eliminate screen tearing and choppy frame rates.
- AI Vision – The new AI Vision technology can not only reveal details in dark areas but also enhance overall brightness and saturate colors.
- Less Blue Light – Use a software solution to reduce the light emission in the blue-violet region of the blue light spectrum.

1. 5-Way Navigator
2. AC-in
3. 2x HDMI™ 2.0b (WQHD@144Hz)
4. DisplayPort 1.4a (HBR3)
5. Headphone-out
6. Kensington Lock

## SPECIFICATION

| | | |
|---|---|---|
| Model | Entity MKT Name | MAG 321CQF E18 |
| | Part No | 9S6-3DE04T-003 |
| | Color | ID1/Black-Black |
| Display | Screen Size | 31.5" (80.01 cm) |
| | Active Display Area (mm) | 697.344(H) x 392.256(V) |
| | Curvature | Curve 1500R |
| | Panel Type | Rapid VA |
| | Resolution | 2560x1440 (WQHD) |
| | Pixel pitch (mm) | 0.2724(H)x0.2724(V) |
| | Aspect Ratio | 16:9 |
| | Dynamic Refresh Rate technology | Adaptive-Sync |
| | Dynamic Refresh Rate Activated Range | 48~180Hz |
| | HDR (High dynamic range) | HDR Ready |
| | SDR Brightness (nits) | 300 |
| | Contrast Ratio | 3000:1 |
| | DCR (Dynamic Contrast Ratio) | 100000000:1 |
| | Signal Frequency | 70.08~266.4 KHz(H) / 48~180 Hz(V) |
| | Refresh Rate | 180Hz |
| | Response Time (MPRT) | 1ms(MPRT) |
| | Response Time (GTG) | 0.5ms (Min.) |
| | View Angles | 178°(H)/178°(V) |
| | NTSC (CIE1976 area percentage/overlap) | 108%/84% |
| | NTSC (CIE1931 area percentage/overlap) | 86%/77% |
| | sRGB (CIE1976 area percentage/overlap) | 124%/99% |
| | sRGB (CIE1931 area percentage/overlap) | 121%/100% |
| | Adobe RGB (CIE1976 area percentage/overlap) | 106%/89% |
| | Adobe RGB (CIE1931 area percentage/overlap) | 90%/82% |
| | DCI-P3 (CIE1976 area percentage/overlap) | 99%/92% |
| | DCI-P3 (CIE1931 area percentage/overlap) | 89%/87% |
| | Rec.709 (CIE1976 area percentage/overlap) | 124%/99% |
| | Rec.709 (CIE1931 area percentage/overlap) | 121%/100% |
| | Rec.2020 (CIE1976 area percentage/overlap) | 72%/72% |
| | Rec.2020 (CIE1931 area percentage/overlap) | 64%/64% |
| | Surface Treatment | Anti-glare |
| | Display Colors | 1.07B |
| | Color bit | 10 bits (8 bits + FRC) |
| I/O Ports | Headphone-out | 1 |
| | Lock type | Kensington Lock |
| | HDMI | 2 |
| | HDMI version | 2.0b |
| | HDMI HDCP version | 2.3 |
| | DisplayPort | 1 |
| | DisplayPort version | 1.4a |
| | DisplayPort HDCP version | 2.3 |
| Warranty | Warranty | 36M |
| Power | Power Type | Internal Power Board |
| | Power Input | 100~240V, 50/60Hz |
| | On-mode Power Consumption (KWh/1000h) | SDR:32 HDR:55 |
| | Annual Energy Consumption (KWh) | 46 |
| | Standby-mode Power Consumption (W) | 0.5 |
| | Off-mode Power Consumption (W) | 0.3 |
| | Energy Efficiency Rating | F (SDR) G (HDR) |
| | Power Cord Type | C13 |

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| Accessories | 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 | 0 |
| | Quick Guide | 1 |
| | Warranty Card | 0 |
| | Mouse Bungee Unit | 0 |
| Design | Adjustment (Tilt) | -5° ~ 20° |
| | VESA Mounting | 100x100mm |
| Dimension & Weight (product) | Product Dimension with Stand (WxDxH) (mm) | 711.55 x 269.49 x 503.15 |
| | Product Dimension without Stand (WxDxH) (mm) | 711.55 x 91.07 x 424.14 |
| | Stand Dimension (WxDxH) (mm) | 379.66 x 269.49 x 140 |
| | Weight (Net kg) | 6.34 |
| | Weight Without Stand (kg) | 5.6 |
| Dimension & Weight (box) | Inside Carton Dimension (WxDxH) (cm) | 80 x 16.9 x 51.8 |
| | Outer Carton Dimension (WxDxH) (cm) | 81.5 x 18.4 x 54.1 |
| | Weight (Gross kg) | 9.4 |
| Barcode Info | EAN | 4711377320344 |