



MONITOR

MAG 255F E20

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## PATH TO THE FUTURE

Introducing the MSI MAG 255F E20 esports gaming monitor. This cutting-edge monitor features a 24.5-inch FHD display with a lightning-fast 200Hz refresh rate and a rapid 1ms MPRT response time. With the MAG 255F E20, you will have the competitive advantage needed to outperform and defeat your opponents in gaming battles.



Picture and logos

## SELLING POINTS

- Rapid IPS Panel – Provides 0.5ms (GtG, Min.) response time, optimizes screen colors and brightness.
- 200Hz 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 Joystick Navigator
2. AC-in
3. 2 x HDMI™ 2.0b (FHD@200Hz)
4. Display Port 1.2a (HBR2)
5. Headphone out
6. Kensington Lock
7. Kensington Lock



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## SPECIFICATION

|           |                                             |                         |
|-----------|---------------------------------------------|-------------------------|
| Model     | Part No                                     | 9S6-3BC21M-052          |
|           | Color                                       | ID1/Black-Black         |
| Display   | Screen Size                                 | 24.5" (62.23cm)         |
|           | Active Display Area (mm)                    | 543.744(H) x 302.616(V) |
|           | Curvature                                   | Flat                    |
|           | Panel Type                                  | Rapid IPS               |
|           | Resolution                                  | 1920x1080 (FHD)         |
|           | Pixel pitch (mm)                            | 0.2832(H)x0.2802(V)     |
|           | Aspect Ratio                                | 16:9                    |
|           | Dynamic Refresh Rate technology             | Adaptive-Sync           |
|           | Dynamic Refresh Rate Activated Range        | 48~200Hz                |
|           | HDR (High dynamic range)                    | HDR Ready               |
|           | SDR Brightness (nits)                       | 300                     |
|           | Contrast Ratio                              | 1000:1                  |
|           | DCR (Dynamic Contrast Ratio)                | 100000000:1             |
|           | Signal Frequency                            | TBD                     |
|           | Refresh Rate                                | 200HZ                   |
|           | Response Time (MPRT)                        | 1ms(MPRT)               |
|           | Response Time (GTG)                         | 0.5ms (Min.)            |
|           | View Angles                                 | 178°(H)/178°(V)         |
|           | NTSC (CIE1976 area percentage/overlap)      | TBD/TBD                 |
|           | NTSC (CIE1931 area percentage/overlap)      | TBD/TBD                 |
|           | sRGB (CIE1976 area percentage/overlap)      | TBD/TBD                 |
|           | sRGB (CIE1931 area percentage/overlap)      | TBD/TBD                 |
|           | Adobe RGB (CIE1976 area percentage/overlap) | TBD/TBD                 |
|           | Adobe RGB (CIE1931 area percentage/overlap) | TBD/TBD                 |
|           | DCI-P3 (CIE1976 area percentage/overlap)    | TBD/TBD                 |
|           | DCI-P3 (CIE1931 area percentage/overlap)    | TBD/TBD                 |
|           | Rec.709 (CIE1976 area percentage/overlap)   | TBD/TBD                 |
|           | Rec.709 (CIE1931 area percentage/overlap)   | TBD/TBD                 |
|           | Rec.2020 (CIE1976 area percentage/overlap)  | TBD/TBD                 |
|           | Rec.2020 (CIE1931 area percentage/overlap)  | TBD/TBD                 |
|           | 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                         | 1.2a                    |
|           | 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)       | 18                      |
|           | Annual Energy Consumption (KWh)             | 26                      |
|           | Standby-mode Power Consumption (W)          | 0.5                     |
|           | Off-mode Power Consumption (W)              | 0.3                     |
|           | Energy Efficiency Rating                    | E                       |
|           | Power Cord Type                             | C13                     |



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|                              |                                              |                       |
|------------------------------|----------------------------------------------|-----------------------|
| In The Box                   | DisplayPort Cable                            | 0                     |
|                              | HDMI Cable                                   | 1                     |
|                              | 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)    | 557.1 x 220.1 x 418.5 |
|                              | Product Dimension without Stand (WxDxH) (mm) | 557.1 x 66.4 x 326.9  |
|                              | Stand Dimension (WxDxH) (mm)                 | 318.0 x 220.1 x 142.5 |
|                              | Weight (Net kg)                              | 3.24                  |
|                              | Weight Without Stand (kg)                    | 2.82                  |
| Dimension & Weight (box)     | Inside Carton Dimension (WxDxH) (cm)         | 63 x 12.5 x 41.1      |
|                              | Outer Carton Dimension (WxDxH) (cm)          | 65 x 14.5 x 44.3      |
|                              | Weight (Gross kg)                            | 5.13                  |
| Barcode Info                 | EAN                                          | 4711377285339         |