

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)

SPECIFICATION

Model	Part No	9S6-3DC54A-036
	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)	10000000:1
	Signal Frequency	UHD:180~317 KHz(H) / 60~160 Hz(V), 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	

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	4711377301916