

PATH TO THE FUTURE



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	SKU Number	9S6-3DE04T-001
	Entity MKT Name	MAG 321CQF E18
	Part No	9S6-3DE04T-001
	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	AMD FreeSync™
	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	

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	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	4711377320320