

MAG 272QPW QD-OLED X28

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### PATH TO THE FUTURE

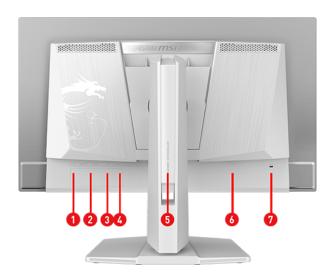
The MAG 272QPW QD-OLED X28 gaming monitor with 27 inch of QD-OLED, 2K WQHD display, a lightning-fast 280Hz refresh rate, and a rapid 0.03ms response time. With the MAG 272QPW QD-OLED X28, you will have the competitive advantage needed to outperform and defeat your opponents in gaming battles.



Picture and logos

#### **SELLING POINTS**

- 3rd Gen QD-OLED Panel With stunning image quality and fast response time.
- Fastest 0.03ms GtG response time and 280Hz refresh rate.
- QD Premium Color Ensures the color meets the market standard Delta E≤2.
- Incredible HDR visual VESA DisplayHDR True Black 400.
- Crystal-Clear Motion VESA ClearMR 15000 certified.
- MSI OLED Care 2.0 Reduced the risk of OLED image sticking / burn-in.
- Console Mode Optimized for seamless compatibility with gaming consoles like PS5 and Xbox Series X|S
- 3-Year Burn-In Warranty Including coverage for OLED burn-in.



- 1. Headphone-out
- **2.** 2x HDMI<sup>™</sup> 2.1 (WQHD@280Hz)
- 3. DisplayPort 1.4a (HBR3)
- 4. USB Type-C (15W PD)
- 5. 5-Way Navigator
- **6.** AC-in
- 7. Kensington Lock





# MAG 272QPW QD-OLED X28

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### **SPECIFICATION**

Dynamic Refresh Rate technology  Premium Pro  Dynamic Refresh Rate Activated Range  48~280Hz  HDR (High dynamic range)  VESA DisplayHD  SDR Brightness (nits)  250  HDR Brightness (Peak nits)  Contrast Ratio  1500000:1	n) 3.72(V) ()HD)
Active Display Area (mm) 590.42(H) x 333  Curvature Flat Panel Type QD-OLED Resolution 2560x1440 (WQ Pixel pitch (mm) 0.2292(H)x0.229 Aspect Ratio 16:9  Dynamic Refresh Rate technology NVIDIA G-SYNC Premium Pro Dynamic Refresh Rate Activated Range 48~280Hz HDR (High dynamic range) VESA DisplayHD SDR Brightness (nits) 250  HDR Brightness (Peak nits) 1000 Contrast Ratio 150000:1 Signal Frequency 30~450.8 KHz(H) Refresh Rate 280Hz  Display Response Time (GTG) 0.03ms View Angles 178°(H)/178°(V) NTSC (CIE1976 area percentage/overlap) 121%/95% NTSC (CIE1931 area percentage/overlap) 138%/100% sRGB (CIE1931 area percentage/overlap) 119%/98% Adobe RGB (CIE1931 area percentage/overlap) 109%/98% Adobe RGB (CIE1931 area percentage/overlap) 109%/99% DCI-P3 (CIE1976 area percentage/overlap) 110%/99% DCI-P3 (CIE1976 area percentage/overlap) 110%/99% Rec.709 (CIE1931 area percentage/overlap) 138%/100% Rec.709 (CIE1976 area percentage/overlap) 138%/100%	3.72(V) (HD) (92(V)
Active Display Area (mm)  Curvature Panel Type QD-OLED Resolution 2560x1440 (WQ Pixel pitch (mm) Aspect Ratio  Dynamic Refresh Rate technology Premium Pro Dynamic Refresh Rate Activated Range HDR (High dynamic range) SDR Brightness (nits) HDR Brightness (Peak nits) Contrast Ratio  Display  Display  Response Time (GTG) NTSC (CIE1931 area percentage/overlap) RGB (CIE1931 area percentage/overlap) Adobe RGB (CIE1931 area percentage/overlap) DCI-P3 (CIE1931 area percentage/overlap) DCI-P3 (CIE1931 area percentage/overlap) DCI-P3 (CIE1936 area percentage/overlap) DCI-P3 (CIE1931 area percentage/overlap) DCI-P3 (CIE1936 area percentage/overlap) DCI-P3 (CIE1936 area percentage/overlap) Rec.709 (CIE1931 area percentage/overlap) 138%/100% Rec.709 (CIE1931 area percentage/overlap) 138%/100%	3.72(V) (HD) (92(V)
Curvature         Flat           Panel Type         QD-OLED           Resolution         2560x1440 (WQ           Pixel pitch (mm)         0.2292(H)x0.22*           Aspect Ratio         16:9           NVIDIA G-SYNC         NVIDIA G-SYNC           Premium Pro         Dynamic Refresh Rate Activated Range         48~280Hz           HDR (High dynamic range)         VESA DisplayHD           SDR Brightness (nits)         250           HDR Brightness (Peak nits)         1000           Contrast Ratio         1500000:1           Signal Frequency         30~450.8 KHz(H           Refresh Rate         280Hz           Nisplay         Response Time (GTG)         0.03ms           View Angles         178°(H)/178°(V)           NTSC (CIE1976 area percentage/overlap)         121%/95%           NTSC (CIE1931 area percentage/overlap)         138%/100%           RGB (CIE1976 area percentage/overlap)         148%/100%           Adobe RGB (CIE1931 area percentage/overlap)         119%/98%           Adobe RGB (CIE1931 area percentage/overlap)         109%/99%           DCI-P3 (CIE1976 area percentage/overlap)         110%/99%           DCI-P3 (CIE1976 area percentage/overlap)         109%/99%           Rec.709 (CIE1931 area percentage/overla	)HD) 92(V)
Resolution 2560x1440 (WQ Pixel pitch (mm) 0.2292(H)x0.22! Aspect Ratio 16:9  Dynamic Refresh Rate technology NVIDIA G-SYNC Premium Pro Dynamic Refresh Rate Activated Range 48–280Hz HDR (High dynamic range) VESA DisplayHD SDR Brightness (nits) 250 HDR Brightness (nits) 1000 Contrast Ratio 150000:1 Signal Frequency 30~450.8 KHz(H Refresh Rate 280Hz Response Time (GTG) 0.03ms View Angles 178°(H)/178°(V) NTSC (CIE1976 area percentage/overlap) 121%/95% NTSC (CIE1931 area percentage/overlap) 138%/100% sRGB (CIE1976 area percentage/overlap) 148%/100% Adobe RGB (CIE1976 area percentage/overlap) 109%/95% DCI-P3 (CIE1931 area percentage/overlap) 109%/95% DCI-P3 (CIE1931 area percentage/overlap) 109%/95% DCI-P3 (CIE1931 area percentage/overlap) 109%/99% Rec.709 (CIE1931 area percentage/overlap) 109%/99% Rec.709 (CIE1976 area percentage/overlap) 138%/100%	92(V)
Resolution 2560x1440 (WQ Pixel pitch (mm) 0.2292(H)x0.22! Aspect Ratio 16:9  Dynamic Refresh Rate technology NVIDIA G-SYNC Premium Pro Dynamic Refresh Rate Activated Range 48–280Hz HDR (High dynamic range) VESA DisplayHD SDR Brightness (nits) 250 HDR Brightness (nits) 1000 Contrast Ratio 1500000:1 Signal Frequency 30~450.8 KHz(H Refresh Rate 280Hz Response Time (GTG) 0.03ms View Angles 178°(H)/178°(V) NTSC (CIE1976 area percentage/overlap) 121%/95% NTSC (CIE1931 area percentage/overlap) 138%/100% sRGB (CIE1976 area percentage/overlap) 148%/100% Adobe RGB (CIE1976 area percentage/overlap) 109%/95% DCI-P3 (CIE1931 area percentage/overlap) 109%/95% DCI-P3 (CIE1931 area percentage/overlap) 109%/95% Rec.709 (CIE1931 area percentage/overlap) 109%/99% Rec.709 (CIE1931 area percentage/overlap) 109%/99%	92(V)
Pixel pitch (mm)   0.2292(H)x0.229   Aspect Ratio   16:9     Dynamic Refresh Rate technology   NVIDIA G-SYNC Premium Pro     Dynamic Refresh Rate Activated Range   48~280Hz     HDR (High dynamic range)   VESA DisplayHD     SDR Brightness (nits)   250     HDR Brightness (peak nits)   1000     Contrast Ratio   1500000:1     Signal Frequency   30~450.8 KHz(H     Refresh Rate   280Hz     Refresh Rate   280Hz     Response Time (GTG)   0.03ms     View Angles   178°(H)/178°(V)     NTSC (CIE1976 area percentage/overlap)   121%/95%     NTSC (CIE1931 area percentage/overlap)   138%/100%     SRGB (CIE1976 area percentage/overlap)   148%/100%     Adobe RGB (CIE1976 area percentage/overlap)   110%/95%     DCI-P3 (CIE1931 area percentage/overlap)   110%/99%     DCI-P3 (CIE1931 area percentage/overlap)   109%/99%     Rec.709 (CIE1976 area percentage/overlap)   109%/99%     Rec.709 (CIE1931 area percentage/overlap)   138%/100%     Rec.709 (CIE1931 area percentage/overlap)   148%/100%     Rec.709 (CIE1931 area percentage/overlap)   148%/100%	92(V)
Aspect Ratio  Dynamic Refresh Rate technology  Dynamic Refresh Rate Activated Range  HDR (High dynamic range)  SDR Brightness (nits)  HDR Brightness (Peak nits)  Contrast Ratio  Signal Frequency  Refresh Rate  280Hz  Refresh Rate  280Hz  Refresh Rate  280Hz  Response Time (GTG)  NO3ms  View Angles  NTSC (CIE1976 area percentage/overlap)  Adobe RGB (CIE1976 area percentage/overlap)  Adobe RGB (CIE1976 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  109%/99%  Rec.709 (CIE1931 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)  138%/100%  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1976 area percentage/overlap)	
Dynamic Refresh Rate technology  Dynamic Refresh Rate Activated Range  HDR (High dynamic range)  SDR Brightness (nits)  SDR Brightness (nits)  HDR Brightness (Peak nits)  Contrast Ratio  Signal Frequency  Refresh Rate  Response Time (GTG)  NTSC (CIE1976 area percentage/overlap)  SRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  DICI-P3 (CIE1931 area percentage/overlap)  DICI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec. 709 (CIE1931 area percentage/overlap)  Rec. 709 (CIE1931 area percentage/overlap)  138%/100%  Rec. 709 (CIE1931 area percentage/overlap)  138%/100%  Rec. 709 (CIE1931 area percentage/overlap)  138%/100%	Compatible / AMD FreeSync™
Dynamic Refresh Rate Activated Range  48~280Hz  HDR (High dynamic range)  SDR Brightness (nits)  250  HDR Brightness (Peak nits)  Contrast Ratio  1500000:1  Signal Frequency  Refresh Rate  280Hz  Display  Response Time (GTG)  NTSC (CIE1976 area percentage/overlap)  SRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec.709 (CIE1931 area percentage/overlap)  Rec.709 (CIE1931 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)	,
HDR (High dynamic range)  SDR Brightness (nits)  1000  Contrast Ratio  Signal Frequency  Refresh Rate  Response Time (GTG)  NTSC (CIE1976 area percentage/overlap)  SRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  DICI-P3 (CIE1931 area percentage/overlap)  DICI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1976 area percentage/overlap)	
SDR Brightness (nits)   250     HDR Brightness (Peak nits)   1000     Contrast Ratio   1500000:1     Signal Frequency   30~450.8 KHz(Hz)     Refresh Rate   280Hz     Response Time (GTG)   0.03ms     View Angles   178°(H)/178°(V)     NTSC (CIE1976 area percentage/overlap)   121%/95%     NTSC (CIE1931 area percentage/overlap)   105%/92%     SRGB (CIE1976 area percentage/overlap)   138%/100%     SRGB (CIE1931 area percentage/overlap)   148%/100%     Adobe RGB (CIE1931 area percentage/overlap)   119%/98%     Adobe RGB (CIE1931 area percentage/overlap)   109%/95%     DCI-P3 (CIE1976 area percentage/overlap)   110%/99%     DCI-P3 (CIE1976 area percentage/overlap)   109%/99%     Rec.709 (CIE1931 area percentage/overlap)   138%/100%     Rec.709 (CIE1931 area percentage/overlap)   138%/100%     Rec.709 (CIE1931 area percentage/overlap)   148%/100%	
HDR Brightness (Peak nits)   1000	R True Black 400
Contrast Ratio 1500000:1  Signal Frequency 30~450.8 KHz(Higher Refresh Rate 280Hz  Response Time (GTG) 0.03ms  View Angles 178°(H)/178°(V)  NTSC (CIE1976 area percentage/overlap) 121%/95%  NTSC (CIE1931 area percentage/overlap) 105%/92%  sRGB (CIE1976 area percentage/overlap) 138%/100%  sRGB (CIE1931 area percentage/overlap) 1448%/100%  Adobe RGB (CIE1976 area percentage/overlap) 119%/98%  Adobe RGB (CIE1976 area percentage/overlap) 1109%/95%  DCI-P3 (CIE1976 area percentage/overlap) 110%/99%  DCI-P3 (CIE1931 area percentage/overlap) 109%/99%  Rec.709 (CIE1976 area percentage/overlap) 138%/100%  Rec.709 (CIE1931 area percentage/overlap) 138%/100%	
Signal Frequency   30~450.8 KHz(H)	
Refresh Rate 280Hz Response Time (GTG) 0.03ms View Angles 178°(H)/178°(V) NTSC (CIE1976 area percentage/overlap) 121%/95% NTSC (CIE1931 area percentage/overlap) 105%/92% sRGB (CIE1976 area percentage/overlap) 138%/100% sRGB (CIE1931 area percentage/overlap) 148%/100% Adobe RGB (CIE1931 area percentage/overlap) 119%/98% Adobe RGB (CIE1931 area percentage/overlap) 109%/95% DCI-P3 (CIE1976 area percentage/overlap) 110%/99% DCI-P3 (CIE1976 area percentage/overlap) 109%/99% Rec.709 (CIE1976 area percentage/overlap) 138%/100% Rec.709 (CIE1976 area percentage/overlap) 138%/100%	
Display   Response Time (GTG)   0.03ms     View Angles   178°(H)/178°(V)     NTSC (CIE1976 area percentage/overlap)   121%/95%     NTSC (CIE1931 area percentage/overlap)   105%/92%     sRGB (CIE1976 area percentage/overlap)   138%/100%     sRGB (CIE1931 area percentage/overlap)   148%/100%     Adobe RGB (CIE1976 area percentage/overlap)   119%/98%     Adobe RGB (CIE1931 area percentage/overlap)   109%/95%     DCI-P3 (CIE1976 area percentage/overlap)   110%/99%     DCI-P3 (CIE1931 area percentage/overlap)   109%/99%     Rec.709 (CIE1976 area percentage/overlap)   138%/100%     Rec.709 (CIE1931 area percentage/overlap)   148%/100%	H) / 48~280 Hz(V)
View Angles  NTSC (CIE1976 area percentage/overlap)  NTSC (CIE1931 area percentage/overlap)  sRGB (CIE1976 area percentage/overlap)  sRGB (CIE1976 area percentage/overlap)  sRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1976 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  DCI-P3 (CIE1976 area percentage/overlap)  DCI-P3 (CIE1976 area percentage/overlap)  DCI-P3 (CIE1976 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)	
View Angles 178°(H)/178°(V)  NTSC (CIE1976 area percentage/overlap) 121%/95%  NTSC (CIE1931 area percentage/overlap) 105%/92%  sRGB (CIE1976 area percentage/overlap) 138%/100%  sRGB (CIE1931 area percentage/overlap) 148%/100%  Adobe RGB (CIE1976 area percentage/overlap) 119%/98%  Adobe RGB (CIE1931 area percentage/overlap) 109%/95%  DCI-P3 (CIE1976 area percentage/overlap) 110%/99%  DCI-P3 (CIE1931 area percentage/overlap) 109%/99%  Rec.709 (CIE1976 area percentage/overlap) 138%/100%  Rec.709 (CIE1931 area percentage/overlap) 138%/100%	
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sRGB (CIE1976 area percentage/overlap)  sRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1976 area percentage/overlap)  119%/98%  Adobe RGB (CIE1931 area percentage/overlap)  DCI-P3 (CIE1976 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)  148%/100%	
sRGB (CIE1931 area percentage/overlap)  Adobe RGB (CIE1976 area percentage/overlap)  Adobe RGB (CIE1931 area percentage/overlap)  DCI-P3 (CIE1976 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  DCI-P3 (CIE1931 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  Rec.709 (CIE1976 area percentage/overlap)  138%/100%  Rec.709 (CIE1931 area percentage/overlap)	
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Adobe RGB (CIE1931 area percentage/overlap) 109%/95% DCI-P3 (CIE1976 area percentage/overlap) 110%/99% DCI-P3 (CIE1931 area percentage/overlap) 109%/99% Rec.709 (CIE1976 area percentage/overlap) 138%/100% Rec.709 (CIE1931 area percentage/overlap) 148%/100%	
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Rec.709 (CIE1976 area percentage/overlap)138%/100%Rec.709 (CIE1931 area percentage/overlap)148%/100%	
Rec.709 (CIE1931 area percentage/overlap) 148%/100%	
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Rec.2020 (CIE1976 area percentage/overlap) 80%/80%	
Rec.2020 (CIE1931 area percentage/overlap) 78%/78%	
Surface Treatment Anti-Reflection	
Display Colors 1.07B	
Color bit 10 bits	
USB Type C (DisplayPort Alternate) 1	
Headphone-out 1	
Lock type Kensington Lock	(
HDMI 2	
I/O Ports HDMI version 2.1	
HDMI HDCP version 2.3	
DisplayPort 1	
DisplayPort version 1.4a	
DisplayPort HDCP version 2.3	
Warranty Warranty 36M	
Power Type Internal Power E	Board
Power Input 100~240V, 50/6	50Hz
On-mode Power Consumption (KWh/1000h) TBD	
Annual Energy Consumption (KWh) TBD	
Power Standby-mode Power Consumption (W) 0.5	
Off-mode Power Consumption (W) 0.3	
Energy Efficiency Rating F	
Power Cord Type C13	





## MAG 272QPW QD-OLED X28

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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
Design	Mouse Bungee Unit	0
	Adjustment (Tilt)	-5° ~ 20°
	Adjustment (Swivel)	-30° ~ 30°
	Adjustment (Height)	0 ~ 110 mm
	Adjustment (Pivot)	-90° ~ 90°
Dimension & Weight (product)	VESA Mounting	100x100mm
	Product Dimension with Stand (WxDxH) (mm)	611.1 x 241.9 x 532.84
	Product Dimension without Stand (WxDxH) (mm)	611.1 x 69.3 x 357.2
	Stand Dimension (WxDxH) (mm)	308.67 x 241.9 x 432.1
	Weight (Net kg)	6.8
	Weight Without Stand (kg)	4.1
Dimension & Weight (box)	Inside Carton Dimension (WxDxH) (cm)	82 x 16.9 x 51.3
	Outer Carton Dimension (WxDxH) (cm)	83.3 x 18.2 x 53.5
	Weight (Gross kg)	10.49
Barcode Info	EAN	4711377334297