

MAG 322UP QD-OLED E16







SPECIFICATIONS

AMD FreeSync ™ Premium Pro ACTIVATED RANGE Adjustment (Swivel) -30° ~ 30° Garton Dimension (W X D X H) Panel Size Aspect ratio Panel Resolution Pixel Pitch (H x V) Refresh Rate Besponse time 0.03ms (GTG) Viewing angle Dimension with Stand (W x D x H) Curved Dimension without Stand (W x D x H) x H) Curved Dimension without Stand (W x D x H) x H) Curved Dimension without Stand (W x D x H) x H) Curved Console Mode Console Mode Console Mode Adjustment (Pivot) Adjustment (Pivot) Panel Type QD-OLED DCR N/A Active Display Area (mm) No and (M x D x H) Adjustment (Pivot) Adjustment (Pivot) Ani-Reflection Display Colors Video ports Alson → 20° → 20° 38.40 × 2160 (UHD) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 17:9 18:90 × 210 (UHD) 17:00 17:90 18:91 × 24.1 (94.8 H) 19:91 × 49.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 19:11 × 241.9 × 593.9 mm (28.31 × 9.52 × 23.38 inch) 19:12 × 241.9 × 593.9 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 319.1 × 419.3 × 9.52 × 23.38 inch) 10:00 × 419.1 × 49.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 418.3 mm (28.31 × 9.52 × 23.38 inch) 10:00 × 19:11 × 26.3 × 28.3 × 2	Adobe RGB / DCI-P3 / sRGB	98% / 99% / 138% (CIE1976 Standard)
Adjustment (Swivel) Carton Dimension (W X D X H) Panel Size Aspect ratio Panel Resolution Pixel Pitch (H x V) Refresh Rate Response time Viewing angle Dimension with Stand (W x D X H) Brightness Brightness Contrast Ratio Adjustment (Pivot) Console Mode Divel Pixel Panel Resolution Adjustment (Pivot) Active Display Area (mm) Display Colors Video ports 130° ~ 30° 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 935 × 185 × 513 mm (36.81 × 7.28 × 20.20 inch) 16:9 948 (H) × 0.1814 (H) × 0.1814 (H) 170 × 10° × 10° 10°	DYNAMIC REFRESH RATE TECHNOLOGY	AMD FreeSync™ Premium Pro
Carton Dimension (W X D X H) 935 x 185 x 513 mm (36.81 x 7.28 x 20.20 inch) Panel Size 31.5" Aspect ratio 16:9 Panel Resolution 3840 x 2160 (UHD) Pixel Pitch (H x V) 0.1814 (H) x 0.1814 (V) Refresh Rate 165Hz Response time 0.03ms (GTG) Viewing angle 178° (H) / 178° (V) Dimension with Stand (W x D x H) 719.1 x 241.9 x 593.9 mm (28.31 x 9.52 x 23.38 inch) Curved Flat Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) HDR: 450 (Typ.) (Peak 1000 with 3% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz	ACTIVATED RANGE	48~165Hz
(36.81 x 7.28 x 20.20 inch)	Adjustment (Swivel)	-30° ~ 30°
Panel Resolution 3840 x 2160 (UHD)	Carton Dimension (W X D X H)	
Panel Resolution 3840 x 2160 (UHD) Pixel Pitch (H x V) 0.1814 (H) x 0.1814 (V) Refresh Rate 165Hz Response time 0.03ms (GTG) Viewing angle 178° (H) / 178° (V) Dimension with Stand (W x D x H) 719.1 x 241.9 x 593.9 mm (28.31 x 9.52 x 23.38 inch) Curved Flat Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) HOW APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p:	Panel Size	31.5"
Pixel Pitch (H x V) Refresh Rate Response time 0.03ms (GTG) Viewing angle 178° (H) / 178° (V) Dimension with Stand (W x D x H) Curved Dimension without Stand (W x D x X H) Brightness Brightness Contrast Ratio Adjustment (Pivot) Console Mode Console Mode Dimension Without Console Mode Dimension without Stand (W x D x X H) Contrast Ratio Adjustment (Pivot) Contrast Ratio Console Mode Console Mode Dimension Without Stand (W x D x Y H) Contrast Ratio Alian (Pivot) Contrast Ratio Alian (Pivot) Contrast Ratio Alian (Pivot) Console Mode Dimension Without Stand (W x D Y 19.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Console Mode 1500000:1 (Typ.) Console Mode 1500000:1 (Typ.) Console Mode 1500000:1 (Typ.) CEC: Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz Diplay Celc: Supported VRR: PS5 and Xbox Supported VRR: PS5	Aspect ratio	16:9
Refresh Rate 165Hz Response time 0.03ms (GTG) Viewing angle 178° (H) / 178° (V) Dimension with Stand (W x D x H) 719.1 x 241.9 x 593.9 mm (28.31 x 9.52 x 23.38 inch) Curved Flat Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60H	Panel Resolution	3840 x 2160 (UHD)
No.	Pixel Pitch (H x V)	0.1814 (H) x 0.1814 (V)
Viewing angle 178° (H) / 178° (V) Dimension with Stand (W x D x H) 719.1 x 241.9 x 593.9 mm (28.31 x 9.52 x 23.38 inch) Curved Flat Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) Brightness DR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) Contrast Ratio 1500000:1 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz HDMI™ CEC: Supported VRR: PS5 and Xbox Supported VRR: PS5 and Xbox Supported Weight 7.7 kg (16.98 lbs) / 12.3 (27.1 lbs) Panel Type QD-OLED DCR N/A Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection Display Colors 1.07B, 10 bits Video ports 1x DisplayPort 1.4a (HBR3)	Refresh Rate	165Hz
Dimension with Stand (W x D x H) 719.1 x 241.9 x 593.9 mm (28.31 x 9.52 x 23.38 inch) Curved Flat Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) Brightness DMR: 450 (Typ.) (True Black 400 with 10% APL) (1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 1440p	Response time	0.03ms (GTG)
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Dimension without Stand (W x D x H) 719.1 x 69.3 x 418.3 mm (28.31 x 2.73 x 16.47 inch) Brightness SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 1260p: 60Hz and 120Hz Lonsole Mode HDMI™ CEC: Supported VRR: PS5 and Xbox Supported VRR: PS5 and Xbox Supported Weight 7.7 kg (16.98 lbs) / 12.3 (27.1 lbs) Panel Type QD-OLED DCR N/A Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection Display Colors 1.07B, 10 bits Video ports 12.1 (UHD@165Hz) Video ports 12.1 (UHD@165Hz) Video ports 12.1 (UHD@165Hz)	Dimension with Stand (W \times D \times H)	
(28.31 x 2.73 x 16.47 inch) SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio	Curved	Flat
Brightness HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) Contrast Ratio 1500000:1 (Typ.) Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz Lonsole Mode 2160p: 60Hz and 120Hz Weight 7.7 kg (16.98 lbs) / 12.3 (27.1 lbs) Panel Type QD-OLED DCR N/A Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection Display Colors 1.07B, 10 bits 2x HDMI™ 2.1 (UHD@165Hz) 1x DisplayPort 1.4a (HBR3)	Dimension without Stand (W x D x H)	
Adjustment (Pivot) -10° ~ 10° Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz HDMI™ CEC: Supported VRR: PS5 and Xbox Supported VRR: PS5 and	Brightness	HDR: 450 (Typ.) (True Black 400 with 10% APL)
Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz HDMI™ CEC: Supported VRR: PS5 and Xbox Supported VRA Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection 1.07B, 10 bits 2x HDMI™ 2.1 (UHD@165Hz) 1x DisplayPort 1.4a (HBR3)	Contrast Ratio	1500000:1 (Typ.)
1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz 2160p: 60Hz and 120Hz	Adjustment (Pivot)	-10° ~ 10°
Weight 7.7 kg (16.98 lbs) / 12.3 (27.1 lbs) Panel Type QD-OLED DCR N/A Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection Display Colors 1.07B, 10 bits 2x HDMI™ 2.1 (UHD@165Hz) 1x DisplayPort 1.4a (HBR3)	Console Mode	1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz HDMI™ CEC: Supported
Panel Type QD-OLED N/A Active Display Area (mm) Surface Treatment Display Colors 2x HDMI™ 2.1 (UHD@165Hz) 1x DisplayPort 1.4a (HBR3)	Weight	•
DCR N/A Active Display Area (mm) 699.48 (H) x 394.73 (V) Surface Treatment Anti-Reflection Display Colors 1.07B, 10 bits 2x HDMI™ 2.1 (UHD@165Hz) Video ports 1x DisplayPort 1.4a (HBR3)		
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Display Colors 1.07B, 10 bits 2x HDMI™ 2.1 (UHD@165Hz) Video ports 1x DisplayPort 1.4a (HBR3)	Surface Treatment	
2x HDMI [™] 2.1 (UHD@165Hz) 1x DisplayPort 1.4a (HBR3)	Display Colors	
	Video ports	2x HDMI™ 2.1 (UHD@165Hz)

FEATURES



QD-OLED Display

MSI's renowned QD tech, combined with the latest OLED panel technology, these displays exhibit the best picture quality and incredible high contrast when gaming



165Hz High Refresh Rate

Experience smooth gaming with a blazing fast 165Hz refresh rate, that gives you the upperhand in fast moving games



Fastest 0.03 Response time

Response time is much faster and smoother than conventional LCD displays. The response time is up to 0.03 ms GtG exceeds the most mainstream refresh rates requirements.



MSI has developed a more advanced version to provide several care services and significantly reduce the chances of OLED screen aging.



Graphene film with Custom Heatsink

Graphene film and customized heatsink designs, the synergy between these two elements enables monitor to operate without an active cooling fan, achieving a fanless design. This ensures efficient and silent heat dispersion, further extending the panel's lifespan.



VESA DisplayHDR True Black 400

It has passed the VESA DisplayHDR True Black 400 Certification, meaning it can provide a display with the most realistic colors.



MAG 322UP QD-OLED E16

USB ports	N/A
Audio ports	1x Headphone-out
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Power Type	Internal Power Board
Power Input	100~240V, 50/60Hz
Signal Frequency	30~390KHz (H) / 48 ~ 165Hz (V)
Adjustment (Tilt)	-5° ~ 15°
Adjustment (Height)	0 ~ 110 mm
Note	HDMI™: 3840 x 2160 (Up to 165Hz) DisplayPort: 3840 x 2160 (Up to 165Hz) Type-C: 3840 x 2160 (Up to 165Hz) Support: HDMI™ CEC, PIP/PBP; Non Support: KVM
HDR Support	VESA DisplayHDR True Black 400
Accessories	1x DisplayPort Cable (1.4a), 1x Power Cord (C13), 1x Quick Guide, 4x VESA Wall Mount Screw

CONNECTIONS



- 1. Headphone out
- 2. 2 x HDMI[™] 2.1 (UHD@165Hz)
- 3. DisplayPort 1.4a (HBR3)
- 4. Type-C (DP alt.) w/ 15W PD
- 5. 5-way Joystick Navigator
- 6. AC-in

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7. Kensington lock