MONITORS

MAG 322URDF E16







SPECIFICATIONS

Panel Size	31.5"
Active Display Area (mm)	695.04 (H) x 390.96 (V)
Curvature	Flat
Panel Type	Rapid IPS
Panel Resolution	Normal: 3840 x 2160 (UHD) Dual Mode: 1920 x 1080 (FHD)
Pixel Pitch (H x V)	0.181 (H) x 0.181 (V)
Aspect Ratio	16:9
Brightness (nits)	SDR: 400 cd/m² (Typ.) HDR: 450 cd/m² (Peak)
Contrast Ratio	1000:1 (Typ.)
DCR	100000000:1
Signal Frequency	Normal: 146.3~353.1KHz(H) / 48~160Hz(V) Dual Mode: 352.2~356.1KHz(H) / 48~320Hz(V)
ACTIVATED RANGE	Normal: 48~160Hz Dual Mode: 48~320Hz
Refresh Rate	Normal: 160Hz Dual Mode: 320Hz
Response time	0.5ms (GtG, Min.)
DYNAMIC REFRESH RATE TECHNOLOGY	AMD FreeSync™ Premium
HDR Support	VESA DisplayHDR 400
Video ports	1 x DisplayPort 1.4a (HBR3) 2 x HDMI™ 2.1 (4K@160Hz)
USB ports	2 x USB 2.0 Type-A 1 x USB 2.0 Type-B
Audio ports	1x Headphone-out
Viewing Angle	178° (H) / 178° (V)
Adobe RGB / DCI-P3 / sRGB	93% / 99% / 131% (CIE1976 Standard)
Surface Treatment	Anti-glare
Display Colors	1.07B, 10 bits (8 bits + FRC)
Console Mode	Supported Resolution & Refresh Rate: 1080p: 60Hz and 120Hz 1440p: 60Hz and 120Hz 2160p: 60Hz and 120Hz HDMI™ CEC: Supported VRR: PS5 and Xbox Supported
Power Type	Internal Power Board

FEATURES

Dual Mode

Easily switch between different resolutions and refresh rates, allowing user to adjust settings based on the game.

Rapid IPS

Make sure the intensity and purity of colors when gaming.

0.5ms (GtG, Min.) Response Time

Eliminate screen tearing and choppy frame rates with 0.5ms (GtG, Min.) Response Time.

VESA DisplayHDR 400

VESA certified eye-catching details through precise contrast and shadow adjustment.

AI Vision

The new AI Vision technology can not only reveal details in dark areas but also enhance overall brightness and saturate colors.

© 2026 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.

MAG 322URDF E16

Power Input	100~240V, 50/60Hz
Adjustment (Tilt)	-5° ~ 15°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Pivot)	-10° ~ 10°
Adjustment (Height)	0~110 mm
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Dimension with Stand (W x D x H)	714 x 261.9 x 564.5mm (28.1 x 8.9 x 22.2 inch)
Dimension without Stand (W x D x H)	714 x 72.9 x 421.3mm (28.1 x 2.8 x 16.5 inch)
Weight (NW / GW)	9 kg (19.8lbs) / 13 kg (28.6lbs)
Carton Dimension (W X D X H)	985 x 183 x 513mm (38.7 x 7.2 x 20.1 inch)
Accessories	1x DisplayPort Cable (1.4a), 1x USB Type-B to A Cable, 1x Power Cord (C13), 1x Quick Guide, 4x Stand Screw
Note	HDMI™: Normal (UHD) : 3840 x 2160 (Up to 160Hz) Dual (FHD) : 1920 x 1080 (Up to 320Hz) DisplayPort: Normal (UHD) : 3840 x 2160 (Up to 160Hz) Dual (FHD) : 1920 x 1080 (Up to 320Hz) Support: HDMI™ CEC, PIP/PBP; Non Support: KVM

CONNECTIONS



1. 5-way Joystick Navigator
2. AC-in
3. 2 x HDMI™ 2.1 (UHD@160Hz)
4. DisplayPort 1.4a (HBR3)
5. USB 2.0 Type-B
6. 2 x USB 2.0 Type-A
7. Headphone out
8. Kensington Lock

Generated 2026-05-26, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

© 2026 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.