



MX239H

Beauty Beyond Boundaries: Full HD AH-IPS LED-backlit and Frameless Monitor

- Full HD AH-IPS LED display with 178° wide-view angle in frameless design for edge-to-edge brilliance
- ASUS SonicMaster Technology, co-developed with Bang & Olufsen ICEpower® for premium immersive audio
- Featuring dual HDMI ports for multi device connections
- Good Design Award Winner for its ultra-slim, ergonomic design with sturdy sundial-inspired stand



BEAUTY BEYOND BOUNDARIES

Inspired by millennia of artistic legacy, the new Designo MX Series sports an elegant and precision-crafted sundial design. The MX239H features an edge-to-edge frameless panel with 178° ultra-wide viewing angle AH-IPS A+ technology for incredible visuals. In addition, built-in ASUS SonicMaster technology, co-developed with Bang & Olufsen ICEpower®, delivers immersive premium audio performance. The 2012 Good Design Award-winning ultra-slim and ergonomic design can be tilted to provide you highly comfortable viewing experiences, while dual HDMI offers extensive connectivity options.



Subtle & elegant design

Incredibly subtle but sophisticated

ASUS Designo MX Series displays sport ultra-slim profiles — with MX239H measuring just 14.5mm at its thinnest point— thereby minimizing desk space requirements. In addition, the MX Series presents an edge-to-edge frameless screen with bezel thickness of just 0.8mm. This subtle but elegant design is further accentuated by a sundial-inspired stand which provides a sturdy base for the monitor. MX Series design has already garnered accolades at the 2012 Good Design Awards.



MX239H is just 14.5mm at its thinnest point



The MX Series features an edge-to-edge, frameless screen — with bezel thickness of just 0.8mm.

Vivid, lifelike visuals

The latest IPS technology with 178° wide-view angles



Designo MX239H features a 16:9 aspect ratio LED-backlit AH-IPS A+ panel with a 178° wide-view angle that minimizes color shift on both horizontal and vertical planes to ensure quality visuals from almost any direction. AH-IPS is the latest in IPS technology – delivering improved color accuracy plus increased energy efficiency.

▶ MX239H uses a 178°(H) / 178°(V) ultra-wide viewing angle full HD AH-IPS A+ panel that eliminates color shift from almost any direction and in nearly all environments.

Built tough and gamer-centric comfortable

Tracer Free Technology improves the response time of ASUS monitors, eliminating ghosting and tracers during video playback. It does this by controlling voltage levels, resulting in 5ms response time so MX239H provides fluid and clear video playback with silky-smooth motion during gameplay.



▶ Conventional monitor without Tracer Free technology and with slower response time



▶ Fluid movement with ASUS Tracer Free technology and fast 5ms response time

ASUS Exclusive Innovation and Design

ASUS Smart Contrast Ratio for lifelike visuals

With ASUS Smart Contrast Ratio (ASCR) of 80,000,000:1 and 250cd/m² brightness, MX239H augments display contrast and sharpness by adjusting backlighting luminance to achieve the deepest blacks and brightest whites for truly lifelike visuals.



Without ASCR



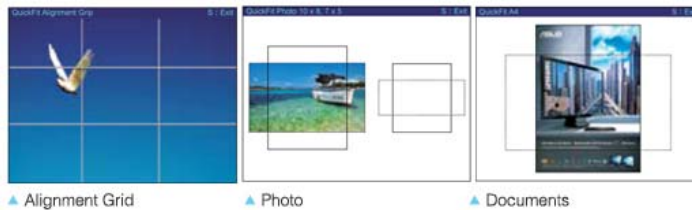
ASCR 80,000,000:1

QuickFit Virtual Scale for true what you see is what you get

ASUS includes its exclusive QuickFit Virtual Scale feature with the MX239H, allowing you to preview photos and documents on-screen in their actual size prior to printing. It can be activated via a monitor hotkey, and serves as a highly useful guide to accurately view and edit photos in their native size.

Supporting Formats:

- Document: letter
- Photo: 8"x10", 5"x7", 4"x6", 3"x5", 2"x2"
- Grid: Alignment



Premium Immersive Audio

The Designo MX239H features ASUS SonicMaster technology – which was co-developed by the ASUS Golden Ear team and Bang & Olufsen ICEpower®. This ASUS-exclusive audio technology combines advanced hardware and software to refine every acoustic detail in pristine quality to deliver crystal clear, true-to-life surround sound — reproducing richer and more distinct vocals at a wider frequency range and louder volumes.

Greater and smoother output with bigger speakers

Considering its slender form factor, adding powerful audio to MX239H presented a challenge. Nonetheless, the display features up to 32mm diameter speakers for greater and smoother sound impact with better bass performance. It also offers a resonance chamber of up to 100cc, expanding monitor sound range to new extremes.

A built-in amplifier powers speaker sound reproduction, just like a car engine with more horsepower means better performance can be attained. MX239H uses up to 5W amplifiers per channel, with speakers embedding large rare earth magnets to generate more powerful and striking sound.



Audio by Bang & Olufsen ICEpower®

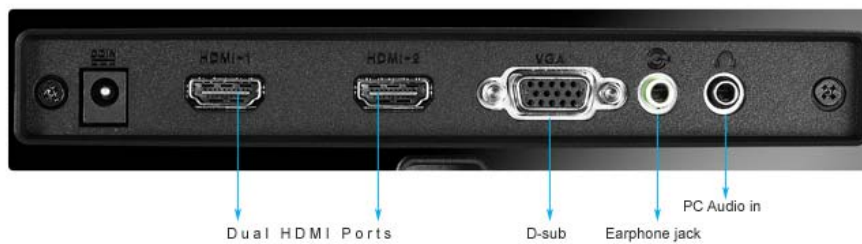
ASUS MX239H delivers outstanding images and stunning graphics that deserve superior sound to complete multimedia experiences whether watching movies, gaming, or listening to music. It features state-of-the-art audio technology from Bang & Olufsen ICEpower®, with great sound packed into its slim form factor to create incredibly engaging sound quality. This means no investment in additional speakers is needed.

Bang & Olufsen ICEpower® technology on MX239H has been developed specifically for compact media products to create excellent sound even in confined spaces. The superior sound quality is a result of innovative technology, ample power delivery, and months of optimizing and fine-tuning by audio engineers. Typically, powerful sound equals high energy consumption, but that's not the case with MX239H. The screen's embedded Class D MobileSound 3 technology is highly energy efficient, converting up to 92 % of power input to useful audio output.



Dual HDMI for extensive connectivity

The Designo MX239H supports Full HD 1920 x 1080 resolutions and has dual HDMI and D-sub (VGA) input ports to ensure compatibility with a variety of multimedia devices including Blu-ray disc players, game consoles, and digital cameras to enrich users' entertainment experience.



MX style on your desktop Wallpaper downloads



Specifications

Display	<p>Panel Size: Wide Screen 23.0"(58.4cm) 16:9</p> <p>Panel Type : AH-IPS</p> <p>True Resolution : 1920x1080</p> <p>Full HD 1080P : Yes</p> <p>Pixel Pitch : 0.2652mm</p> <p>Brightness(Max) : 250 cd/m²</p> <p>ASUS Smart Contrast Ratio (ASCR) : 80000000:1</p> <p>Viewing Angle (CR\geq10) : 178°(H)/178°(V)</p> <p>Response Time : 5ms (Gray to Gray)</p> <p>Display Colors : 16.7M</p>
Video Feature	<p>Trace Free Technology</p> <p>SPLENDID Video Intelligence Technology</p>

	SPLendid Video Preset Modes : 6 Modes (sRGB Mode/Scenery Mode/Theater Mode/Standard Mode/Night View Mode/Game Mode) Skin-Tone Selection : 3 Modes Color Temperature Selection : 4 Modes QuickFit (modes) : Yes (Letter/Alignment Grid/Photo Modes) HDCP support
Audio Features	Stereo Speakers : 3W x 2 Stereo RMS with Bang & Olufsen ICEpower®
Convenient Hotkey	SPLendid Video Preset Mode Selection Auto. Adjustment Brightness Adjustment Volume Adjustment Input Selection QuickFit
I/O Ports	Signal Input : HDMI x 2, D-Sub, DVI-D (via HDMI-to-DVI cable) PC Audio Input : 3.5mm Mini-Jack AV Audio Input : HDMI Earphone jack : 3.5mm Mini-Jack
Signal Frequency	Analog Signal Frequency : 28~83 KHz(H)/ 50~75 Hz(V) Digital Signal Frequency : 28~83 KHz(H)/ 50~75 Hz(V)
Power Consumption	Power Consumption(Typical):<33W Power Saving Mode:<0.5W Power Off Mode:<0.5W Voltage: 100-240V/50-60Hz
Mechanical Design	Chassis Colors : Silver+Black Tilt : +20°~-5°
Security	Kensington lock
Dimensions	Phys. Dimension with Stand(WxHxD):522.2x392.2x207.2mm Box Dimension(WxHxD):615x472x131mm
Weight	Net Weight(Esti.):3.7kg Gross Weight(Esti.):6.1kg
Accessories	VGA cable Audio cable Power cord Power adapter Quick start guide HDMI-to-DVI cable Warranty Card
Regulation Approval	Energy Star®, BSMI, CB, CCC, CE, C-Tick, ErP, FCC, Gost-R, J-MOSS, PSE, RoHS, UL/cUL, VCCI, WEEE, WHQL (Windows 8, Windows 7)