



## Product Launch:

Acer H223HQ

**Full High Definition Video & Sound**

# H223HQ - H Series

## *Full High Definition Video & Sound*

The advanced digital H223HQ is a 16:9 format display which renders full high definition video and audio performance for a powerful media and cinematic experience.

Thanks to the 1920x1080 resolution the sleek Widescreen display is the perfect choice for advanced 1080p, Full HD gaming and multimedia applications. Enjoy action packed quality moving images with an ultra-fast 2ms response rate and 50,000:1 contrast ratio, ensuring crisp and razor sharp image quality. The advanced Full High definition display enables seamless play-back of simply stunning moving pictures for 3D games and movies.

The elegantly crafted display is cased within a softly rounded body and foot stand, the highly polished black glossy finish adds a touch of style to any modern home environment.

The H223HQ is ideal for home and private users whom appreciate modern lifestyle designs and want the best cinematic media devices for gaming, internet communications and movies. The key factor is powerful audio and imaging driven over a Full high definition digital graphics and audio.



## Product Overview



Left view



Front view



Right view



detail



Rear view



I/O ports

<b>Model Name:</b>	<b>H223HQ</b>
<b>Color:</b>	Black glossy body and rounded softly rounded foot stand
<b>Size:</b>	55 cm (21.5") Widescreen
<b>Native Resolution:</b>	1920 x 1050
<b>Response Time:</b>	2 ms
<b>Brightness:</b>	300 nits (cd/m2)
<b>Contrast Ratio:</b>	50000:1 (ACM)
<b>Viewing Angle:</b>	170° (H), 160° (V)
<b>Input: Analog,</b>	Analog, DVI with HDCP support & HDMI
<b>Multi-media:</b>	2 X 1 Watt Speakers



## Features Summary

- **Advanced digital Full HD graphics**

The 1920 x 1080 resolution display is perfect for advanced 1080p Full HD gaming and multimedia applications. Enjoy fantastic home entertainment and productivity with Full HD.

- o **HD-DVD or Blu-ray Disc™ console game display**
- o **Easy multitasking and document comparison**
- o **Widescreen cinematic experience**

- **Distinctive Media Design**

The H223HQ combines a **slim 16:9 cinematic** format with a **softly rounded** body and foot-stand. In addition the **highly polished** bezel and **powered blue** foot-stand add the final touch of class. Acer have also developed and integrated the innovative **SensorTouch OSD** for easy display management and for a smooth front bezel appeal,

- **Gaming with Visual Precision**

With the amazing response rate of **2ms** the H223HQ reduces any deviations from the true to life imaging, delivering high quality and **action packed moving images**.

- **Integrated Audio System**

With the smart cinematic widescreen display you can enjoy powerful and thrilling audio performance thanks integrated speaker system.

- **Rich Color and Crisp Details**

Integrating the Acer ACM advanced Adaptive Contrast Management enabling a **contrast ratio of 50,000:1** technology for stunning picture quality with clear and crisp imaging.

- **Future proof for Data, Media & Audio...All-digital HDMI™**

Thanks to the two **advanced digital HDMI™** interface slots you can connect to a wide range of media devices and receive seamless **high-definition video and sound**. HDMI represents the highest-quality video and audio currently available for high quality streaming.

- **Acer eColor Management —**

The acer Empowering Technology enables media lover to **fine-tune and personalize** the display settings by redefining the color precision according to the work mode whether data, media, cinema or images.

- **Acer eDisplay Management**

Acer eDisplay Management is a powerful display tool enabling advanced **color calibration** and display management for previewing and adjusting all settings enabling winning results!

# Specifications

	Model	H223HQ
	Product name	H223HQEbmid
Panel Specifications	Display Type	Flat screen / TFT
	Dimensions (mm)	520×391×198
	Net Weight (kg)	4.49
	Colour	Black glossy
	Panel Technology	TN+Film
	Size Inch	55cm (21.5") Widescreen
	Display Size (mm)	476.64x268.11
	Pixel Pitch (mm)	0.248
	Resolution	1920 x 1080 @ 60 Hz
	Frequency	30-80Khz/55-75Hz
	PPI	96
	Rsp time (ms)	2
	Contrast	50,000:1
	Brightness (cd/m2)	300
	H/V° CR 10:1	170°/160°
	Colors (M)	16.7
	NTSC (%)	72
System Specifications	Input Signal	Analog, DVI with HDCP & HDMI
	Speaker	2x1W
	VESA Wall Mounting	100x100
	Kensington Support	Yes
	Tilt	-5°~15°
	Swivel degrees	No
	Hgt Adj (mm)	No
	Pivot degrees	No
	Off/Standby (W)	0.9
	Sleep (W)	1.2
	EnergyStar On (W)	29.82
Other	Service & Support	2 Years bring in-Service
	Certificates	CE, TÜV GS, TCO03, ISO 13406-2
	Pallet Qty / Size	72 / 115x115x207.2
	Container 20"/40"	720/1440

