



Full HD LCD monitor

- V Line
- 22 (21.5" / 54.6 cm diag.)
- Full HD (1920 x 1080)

223V7QHAB/89

Vivid, crisp images, from edge-to-edge

A perfect all around display with stunning images that stretch from edge-to edge, made easy on the eyes, in a compact slim design.

Benefits

Vivid pictures every time

- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- Narrow border display for a seamless appearance
- SmartContrast for rich black details
- SmartImage presets for easy optimized image settings

Easy on the eyes

- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

- EasyRead mode for a paper-like reading experience

Experience true multimedia

- Built-in speakers for audio without desktop clutter
- HDMI-ready for Full HD entertainment

Perfectly designed for your space

- VESA mount allows for flexibility

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HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Specifications

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Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	21.5 inch / 54.6 cm
Effective viewing area	476.06 (H) x 267.79 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Pixel Density	102 PPI
Response time (typical)	4 ms (GtG)*
Brightness	250 cd/m ²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
LowBlue Mode	Yes
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) HDMI (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	2W x 2
User convenience	Power On/Off Menu/OK Volume/Up Input/Down SmartImage/Back
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese Swedish Turkish Traditional Chinese

Other convenience	Ukrainian Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree
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Power

On mode	13.09 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	490 x 368 x 195 mm
Product without stand (mm)	490 x 296 x 45 mm
Packaging in mm (WxHxD)	575 x 440 x 113 mm

Weight

Product with stand (kg)	2.92 kg
Product without stand (kg)	2.56 kg
Product with packaging (kg)	4.23 kg

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 7.0 RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals CU
SEMKO
cETLus
TUV/ISO9241-307
WEEE
TCO Certified
CE Mark
FCC Class B
ICES-003
RCM

UKRAINIAN
KCC
BSMI
TUV Cert. - blue light cut-off

Cabinet

Color
Finish

Black
Textured

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* Response time value equal to SmartResponse



data subject to change
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