



Product Launch:

Acer B223W

Ergonomic design, smart viewing

B223W - Business Series

Ergonomic design, smart viewing

The B223W is a brilliant EcoDisplay which defines the essences of solid ergonomics and versatile productivity with no compromise to the environment, bringing to the office world a perfect combination of high definition digital performance and Multi-functionality.

The high quality Widescreen renders the optimal pixel per inch of 90.2 (PPI) for viewing more data or video content with comfort and an overall improved value per inch. The office display is easy to integrate into any office environment reducing the overall cost of ownership and featuring a long digital cable, flexible height adjustable and pivot foot-stand.

The professional digital display provides the ideal technical and design features required for multi-tasking, image precision with flexible ergonomics and lower power consumption. The B223W is the perfect display for high performing offices requiring a solid solution for a long term performance.



Product Overview



Left view



Front view



Right view



Side view



Rear view



I/O ports

Model Name: B223W EcoDisplay

Color: Dark gray with black rounded foot stand

Size: 56 cm (22") 16:10 Widescreen Format

Native Resolution: 1680x1050@60Hz

Response Time: 5 ms

Brightness: 250 nits (cd/m2)

Contrast Ratio: 50,000:1 (ACM)

Viewing Angle: 170° (H), 160° (V)

Input: Analog, Analog & DVI with HDCP support

Ergonomics: 110mm height adjustment, 35 degrees swivel L/R & 90 degree rotation.

In addition Zero bright dot pixel guarantee



Features Summary

- **Acer EcoDisplay management**

The B223W is EcoDisplay-Ready, complying with Acer's commitment to carry out product design and materials management distinctly meant to reduce environmental impact. **EcoDisplay**-ready LCD monitors have achieved environmentally friendly design status in the following ways:

- o Capacity for product recycling.
- o Proper management of restricted substances.
- o Power-saving, featuring two lamps
- o Product thinness and minimalist packaging design.
- o Optional EPEAT Gold Displays.

- **Power-saving design**

Acer Business series displays integrate two CCFL lamps instead of four. The two-lamp design results in a simplified connector and inverter power board design, **cutting power consumption by 50 percent.**

- **Flexible height adjustment, tilt and swivel**

B223W enables easy height adjustment and tilt angle to **optimize comfort and workspace ergonomics.** Users can tilt the monitor 15 degrees up or 5 degrees down, swivel 35 degrees to the right and to the left, and adjust the height up to 110 mm.

- **Seamless digital content**

- **Dual input (one D-sub, one DVI)**

maximizes the **connection quality** between LCD monitors and other digital sources, including PC graphics cards. High-bandwidth Digital Content Protection (HDCP) support ensures enjoyment of full-quality DRM-protected entertainment.

- **Easy viewing and sharp imaging**

Integrating advanced technical features of **50,000:1 contrast** enables office workers to view heavy data files or CAD applications with detailed precision and sharp defined lines.

- **Acer eColor Management**

The acer Empowering Technology enables users 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!

- **High quality and long term viewing**

The B223W integrates only Class A panel with **zero bright dot pixel** guaranteeing a consistent image, also certified by **TCO 03, ISO 13406-2** and the latest energystar criteria, qualifying the acer Business displays as high quality in terms of design and performance.

Specifications

	Model	B223W
	Product name	B223W
Panel Specifications	Display Type	Flat screen / TFT
	Dimensions (mm)	505.5x357.5-467.5x216
	Net Weight (kg)	6.4
	Colour	Darkgrey
	Panel Technology	TN+Film
	Size Inch	56 cm (22") 16:10
	Display Size (mm)	473x296 mm
	Pixel Pitch (mm)	0.282
	Resolution	1280x1024 @60Hz
	Frequency	30-80KHz/55-75Hz
	PPI	90.1
	Rsp time (ms)	5
	Contrast	50'000:1
	Brightness (cd/m2)	250
	H/V° CR 10:1	170°/160°
Colors (M)	16.7	
NTSC (%)	72	
System Specifications	Input Signal	Analog & DVI with HDCP
	Speaker	2x1 W
	VESA Wall Mounting	100x100
	Kensington Support	Yes
	Tilt	-5°~15°
	Swivel degrees	35°/35°
	Hgt Adj (mm)	110
	Pivot degrees	90°
	Off/Standby (W)	0.0
	Sleep (W)	0.46
EnergyStar On (W)	20.7	
Other	Service & Support	3 Years bring in-Service
	Certificates	CE, TÜV GS, TCO03, ISO 13406-2
	Pallet Qty / Size	45/114.6x103.2x223.5
	Container 20"/40"	450/990

