

Big entertainment in a small package.

ViewSonic's dual-purpose N2230w 22" (21.6" viewable) widescreen LCD TV delivers HD entertainment in style. The stylized glossy bezel houses a full-featured LCD HDTV/PC monitor that includes Super HD 1680X1050 resolution, fast 5ms video response and 4000:1 DYNAMIC CONTRAST RATIO (typ) for SUPERIOR DIGITAL ENTERTAINMENT. It also includes an ATSC/NTSC/QAM TV tuner, COMPREHENSIVE INPUTS including HDMI, component, composite and S-video for all your entertainment devices. The N2230w is ideal for bedrooms, offices, dorm rooms, garages and kitchens. It's the hard-working, space-saving stylish LCD TV for your lifestyle.

N2230w

**22" (21.6" VIEWABLE)
WIDESCREEN LCD HDTV
WITH SUPER-HD RESOLUTION**



IDEAL FOR SMALL LIVING SPACES

- > **Experience widescreen HDTV**
Enjoy a widescreen theater experience and high-definition picture quality with this display's widescreen aspect ratio, true HDTV capability, and wide viewing angles.
- > **ClearPicture™ electronics deliver clearer, crisper, sharper images**
ClearPicture electronics eliminate noise, increase contrast and detail and optimize color for rich, vibrant images. High-definition images look amazing and even standard television images are unbelievably smooth and sharp.
- > **Vivid graphics, clear text, stunning TV**
Ultra-high brightness of 300 nits (typ), Dynamic Contrast Ratio of 4000:1 (typ), and 1680x1050 PC resolution provide vibrant video and crisp data images on the desktop or in the living room.
- > **Expand your options with plug-and-play connectivity**
This HDTV provides the ultimate viewing experience with integrated HDTV tuner and plug-and-play, high-end connectivity for HD set-top boxes, DVDs, game consoles and camcorders.
- > **OptiSync® technology now features HDMI**
Add versatility to your LCD TV with support for HDMI with high-definition content protection (HDCP) and analog (VGA) signals, plus component, S-video, composite, and TV/cable input.

**1680x1050
SUPER HD**

**4000:1
Dynamic Contrast**

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



VIEWSONIC
PRODUCTS, PROGRAMS,
AND SERVICES

ViewSonic®
See the difference® 

N2230w

22" (21.6" VIEWABLE) WIDESCREEN LCD HDTV WITH SUPER-HD RESOLUTION



LCD	Type	22" (21.6" viewable) Wide Color TFT Active Matrix LCD
	Display Area	18.3" horizontal x 11.5" vertical; 21.6" diagonal
	Optimum Resolution	1680x1050
	Contrast Ratio	1000:1 static (typ), 4000:1 dynamic (typ)
	Viewing Angles	160° horizontal, 160° vertical
	Response Time	5ms
	Light Source	Long life, 50,000 hrs. (typ)
	Brightness	300 cd/m ² (typ)
	Aspect Ratio	16:9
	Glass Surface	Anti-glare, anti-reflective coat
INPUT	PC	RGB analog (75 ohms, 0.7 Vp-p)
	TV	TV/cable, composite (RCA), component YPbPr/YCbCr, S-Video
	Audio	3.5mm mini stereo audio in/out and RCA (left/right) audio in
	RGB Frequency	F _H : 30~64kHz, F _V : 60~75Hz
	Sync	H/V separated (TTL)
	Digital	HDMI (with HDCP and audio support)
	Tuner	ATSC/NTSC/QAM
AUDIO OUTPUT	Speakers	2x2.5-watt
	RCA	Left/right
COMPATIBILITY	PC	1680x1050 (preferred), 1024x768, 1280x768
	Mac®*	G3/G4/G5 up to 1280x768
INPUT SIGNAL	TV/Video Comp.	480i, 480p, 720p, 1080i
CONNECTOR	Analog	15-pin mini D-sub (VGA)
	Digital	HDMI
	Power	3-pin AC plug
POWER	Voltage	AC 100-240V (universal), 47-63Hz
	Consumption	48W (typ)
CONTROLS	Basic	Power, enter, channel +/-, volume +/-, menu
	OnView® (PC Mode)	Auto adjust, contrast, brightness, H. position, V. position, fine tune, color temperature, picture mode
	(Video Mode)	Picture (contrast, brightness, color, tint, sharpness, color temperature), sound (volume, balance, bass, treble), input menu (TV, AV, S-video, YCbCr, YPbPr, HDMI, VGA), parental control (caption, change password, V-chip temporary disable), setup menu (time out, language, memory recall)
	(TV Mode)	MTS, TV/CATV, auto scan, set channel, channel delete, label, favorite, fine tune
OPERATING CONDITIONS	Temperature	32-104°F (0-40°C)
	Humidity	10-65% (non-condensing)
DIMENSIONS (W x H x D)	Physical with stand	20.4" x 16.6" x 6.1" (518mm x 422mm x 156mm)
	Physical without stand	20.4" x 14.5" x 3.1" (518mm x 368mm x 77mm)
WEIGHT	Net with stand	12.9 lb. (5.9 kg)
	Net without stand	12.5 lb. (5.7 kg)
	Gross with stand	16.0 lb. (7.3 kg)
VESA® MOUNT		100mm x 100mm
REGULATIONS		cUL, FCC, NOM, EN 55013, CB
RECYCLE/DISPOSAL		The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.
PACKAGE CONTENTS		LCD TV display, power cable(s), remote control with batteries, Quick Start Guide, User Guide
WARRANTY		One-year limited warranty on parts and backlight



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

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*Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2008 ViewSonic Corporation. All rights reserved. [13882-00B-01/08] N2230w-1

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