

# TD2420

24" Full HD 1080p Optical Touch Monitor

## Intuitive Multi-Touch Design



## Overview

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The ViewSonic® TD2420 is the perfect solution for both commercial and consumer touch screen applications. With an intuitive multi-touch LED display, interactive stylus, and full HD resolution, the TD2420 delivers a versatile touch solution for use as a POS display, information kiosk, or in hospital and classroom environments. With Windows® 8 compatible Dual Point Optical technology, the TD2420 provides a fun and interactive experience to engage users. Equipped with 1920x1080 Full HD resolution, and 20,000,000:1 MEGA Dynamic Contrast Ratio, the ViewSonic TD2420 delivers extremely sharp and crisp images. As a complete multimedia package, the display also includes a pair of integrated 2-watt speakers with SRS Premium Sound®. HDMI, VGA, and DVI inputs provide flexible and convenient connectivity, while a VESA-mountable design offers additional convenience for use as a wall-mounted display. The versatile TD2420 is the one-stop solution for your multi-touch display needs.

## Features

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### Durable and Accurate Multi-touch Screen

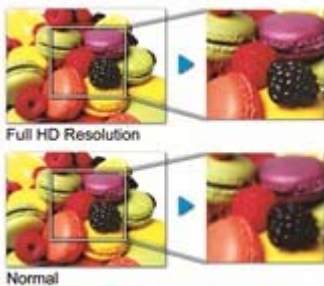
Simply touch, drag, resize, and manipulate photos, documents or web pages—just like on your favorite mobile devices! The included stylus provides additional interactivity to write, draw, and further explore your creativity. 7H scratch-resistant surface hardness ensures durability, as well as a consistent, high-quality touch experience.

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For more product information, visit us at [www.viewsoniceurope.com](http://www.viewsoniceurope.com)

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**ViewSonic®**  
See the difference™ 



### Full HD 1080p Display with 1920x1080 Resolution

The 24" (23.6" viewable) Full HD monitor supports image-intensive commercial applications, as well as image, gaming, and video applications for home entertainment. 20,000,000:1 MEGA Dynamic Contrast Ratio provides a crisp image with high-level details.

### Flexible Configuration Options with OptiSync® Digital/Analog Inputs

The TD2420 supports Windows® 7 and Windows® 8 touch functions and boasts USB HID (Human Interface Device) for plug-and-play. The TD2420 can be connected through USB for instant two-point touch operation and easy navigation. Multi-mode input technology supports HDMI, DVI and VGA signals for compatibility and configuration flexibility.



### Eco-Mode Conserves More Energy

ViewSonic's proprietary Eco-mode function is built into all LED displays, offering options to "Optimize (85%)" or "Conserve (80%)". Both modes reduce display brightness and conserve up to 20%\* energy. Especially in a low ambient light, Eco-mode adjusts brightness and improves visibility while reducing eye fatigue and prolonging the display's lamp life. With Ecomode, lamp replacement expenditures are reduced while practicing eco-friendliness.

### ENERGY STAR® and EPEAT-Silver Certified

The TD2420 is environmentally sound with an energy-saving LED backlight and Eco-mode options. Save up to 40%\* in energy costs when compared to a regular 24" monitor.



### Integrated Speakers with SRS Premium Sound®

The TD2420 monitor has two integrated speakers for enhanced multimedia performance with crystal clear stereo sound.



## Technical Specifications

LCD	Type	24" (23.6" viewable) Wide Color TFT Active Matrix LED
	Display Area	20.5" horizontal x 11.5" vertical; 23.6" diagonal 521.28(W) x 293.22(H) mm

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Optimum Resolution	1920x1080
Contrast Ratio	1000:1 (typ.)
Brightness	210 cd/m2 (typ)
Viewing Angles	170° horizontal, 160° vertical
Response Time	5ms (typ.)
Panel Surface	hard-coating (7H)
Dynamic Contrast Ratio	20,000,000:1
Backlight	White-light LED
Backlight Life	30,000 hours (min.)

<b>VIDEO INPUT</b>	Analog	RGB analog (0.7 / 1.0 Vp-p, 75 ohms)
	Digital	HDMI, DVI (TMDS, 100 ohms)
	Frequency	Fh: 24~82kHz, Fv: 50~75Hz
	Sync	Separate Sync

<b>COMPATIBILITY</b>	PC	PC compatibles (Windows® 7 / 8 Operating System)
	Mac®	n/a

<b>CONNECTOR</b>	Analog	15-pin mini D-sub (VGA)
	Digital	DVI-D (with HDCP) HDMI
	Audio	Audio In (3.5mm mini-jack) Headphone (3.5mm mini-jack)
	Power	Internal power board, 3-pin plug (CEE22)

<b>AUDIO OUT</b>	Speakers	2W x2
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<b>ERGONOMICS</b>	Tilt	-2° ~ 18° degrees
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<b>CONTROLS</b>	OSD	Auto Image Adjust, Contrast/Brightness, Input Select, Color Adjust, Information, Manual Image Adjust, Setup Menu, Memory Recall (See user guide for full OSD functionality)
	Front Panel	1, 2, Down, Up, Power

<b>POWER</b>	Voltage	AC 100–240V (universal), 50 / 60Hz
	Consumption	25W (typ.)
	Optimize	22W (typ.)
	Conserve	20W (typ.)

<b>OPERATING CONDITIONS</b>	Temperature	32° F to 104° F (0° C to 40° C)
	Humidity	10% to 90% (no condensation)

<b>DIMENSIONS</b>	Physical (mm)	622.29 x 459.30 x 192.50
	Physical (in)	24.49" x 18.08" x 7.57"

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Packaging 678 x 525 x 179  
26.69" x 20.66" x 7.04"

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**POWER MANAGEMENT**

Eco Mode

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**VESA® MOUNT**

100mm \* 100mm

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**WEIGHT**

Gross	8.1kg (3.68lbs)
Net With Stand	6.6 kg (3 lbs)
Net Without Stand	5.23 kg (2.38lbs)

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**PACKAGE CONTENTS**

AC/DC Adaptor \*1, Power Cable \*1, Audio Cable \*1, VGA Cable\*1, Quick Start Guide \*1, ViewSonic CD Wizard \*1 USB cable \*1, DVI cable \*1, stylus\*1

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## ViewSonic® Limited Warranty



ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

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