# 24" (23.6" viewable) Full HD Optical Touch Monitor

Intuitive Dual-Point Touch Design

**TD2420**



Interact with your monitor as if it were a smartphone or iPad. Great for commercial kiosks, interactive POS display, and educational applications, as well as in-home gaming and photography, the ViewSonic® TD2420 24" (23.6" viewable) dual-point touch Full HD LED monitor lets users execute two-finger pinches, taps and swipes for fast, intuitive navigation. 20M:1 MEGA Dynamic Contrast Ratio, 1080p resolution and integrated speakers engage and delight with sharp images, outstanding color accuracy, and crystal clear sound. Whether enjoyed at home or deployed in a high-traffic commercial setting, its scratch-resistant surface stands up to heavy use and safeguards its high quality touch experience.

## Key Features:

**Full HD 1080p resolution and 20M:1 MEGA Dynamic Contrast Ratio**

**Dual-point optical touch and Windows 7 compatible**

**8H scratch-resistant surface hardness**

**DVI, VGA, and dual-port USB hub**

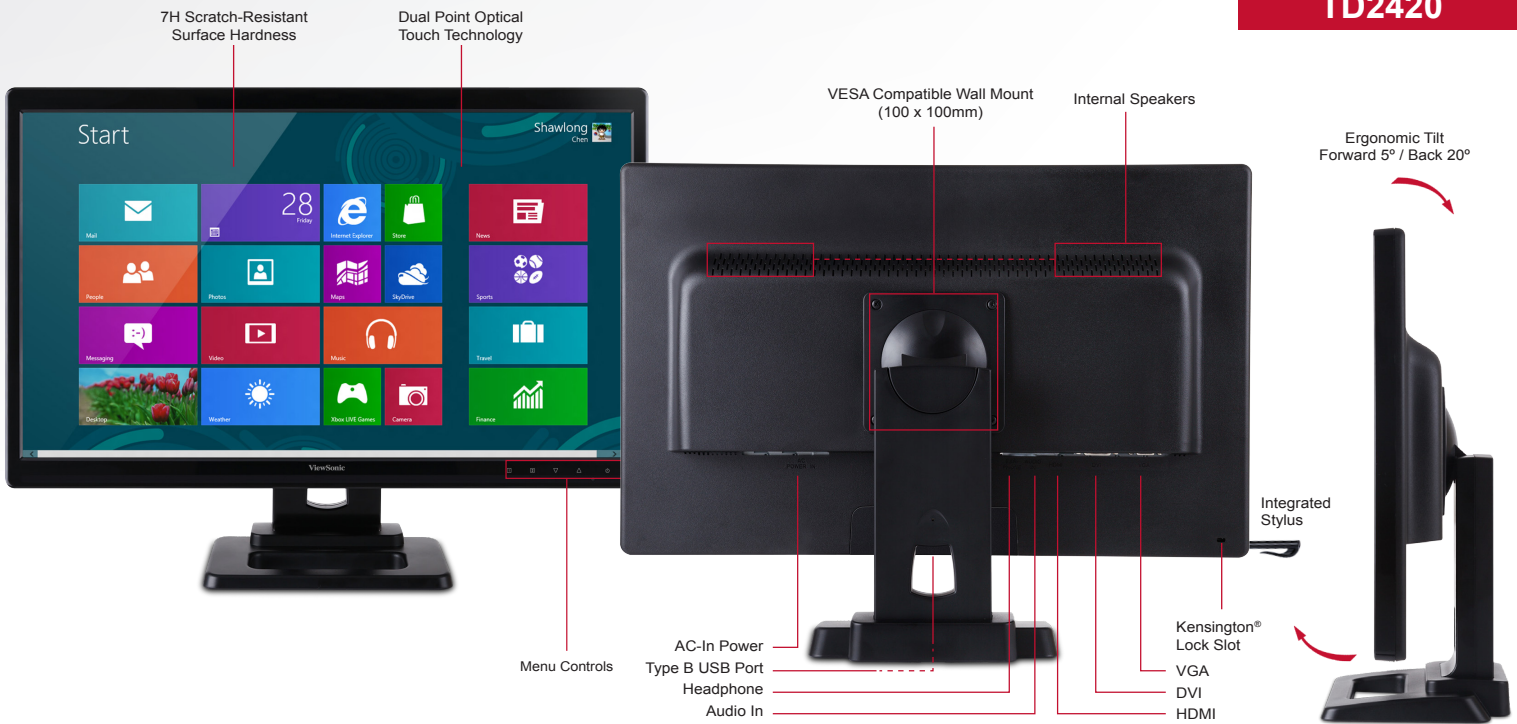**Dual speakers with SRS Premium Sound**

## Designed for:

**Public display**

**Education**

**Home**

**Business**

# 24" (23.6" viewable) Full HD Optical Touch Monitor

## ViewSonic® See the difference®

### TD2420

- 7H Scratch-Resistant Surface Hardness
- Dual Point Optical Touch Technology
- VESA Compatible Wall Mount (100 x 100mm)
- Internal Speakers
- Ergonomic Tilt Forward 5° / Back 20°
- Integrated Stylus
- Menu Controls
- AC-In Power
- Type B USB Port
- Headphone
- Audio In
- Kensington® Lock Slot
- VGA
- DVI
- HDMI

## Specifications

| PANEL | | |
|---|---|---|
| | Type | 24" (23.6" viewable) Wide Color TFT Active Matrix LED |
| | Display Area | 20.5" horizontal x 11.5" vertical; 23.6" diagonal |
| | Optimum Resolution | 1920x1080 |
| | Brightness | 200 cd/m² (typ.) |
| | Contrast Ratio | 1000:1 (typ.) |
| | Dynamic Contrast Ratio | 20,000,000:1 |
| | Viewing Angles | 170° horizontal, 160° vertical |
| | Response Time | 5ms (typ.) |
| | Backlight | White-light LED |
| | Backlight Life | 30,000 hours (min.) |
| | Panel Surface | 8H Scratch Resistant Surface Hardness |

| VIDEO INPUT | | |
|---|---|---|
| | 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 |

| AUDIO OUTPUT | | |
|---|---|---|
| | Speakers | 2-watt (x2) |

| COMPATIBILITY | | |
|---|---|---|
| | PC | PC compatibles (Windows® 7 / 8 Operating System) |
| | Mac® | n/a |

| CONNECTOR | | |
|---|---|---|
| | Video Analog | 15-pin mini D-sub (VGA) |
| | Video 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) |

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

| CONTROLS | | |
|---|---|---|
| | Front Panel Buttons | 1, 2, Down, Up, Power |
| | 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) |

| ERGONOMICS | | |
|---|---|---|
| | Tilt | Forward 5° / Back 20° |

| OPERATING CONDITIONS | | |
|---|---|---|
| | Temperature | 32–104° F (0–40° C) |
| | Humidity | 20–90% (non-condensing) |

| DIMENSIONS (W x H x D) | | |
|---|---|---|
| | Physical with Stand | 21.9 x 16.6 x 6.9 in. / 555.9 x 421.9 x 174.8 mm |
| | Physical without Stand | 21.9 x 13.7 x 2.2 in. / 555.9 x 346.8 x 56.1 mm |
| | Packaging | 23.8 x 19.6 x 5.9 in. / 506 x 498 x 151 mm |

| WEIGHT | | |
|---|---|---|
| | Net with Stand | 6.6 lb. / 3.0 kg |
| | Net without Stand | 5.2 lb. / 2.4 kg |
| | Gross | 8.1 lb. / 3.7 kg |

| WALL MOUNT | | |
|---|---|---|
| | VESA® | 100mm x 100mm |

| REGULATIONS | |
|---|---|
| | CE,CB, BSMI, PSB, SASO, C-tick, e-standby, KC, UL/cUL, FCC-B (including ICES003), UL CoC, Mexico Energy, GOST-R/Hygienic, UkrSEPRO, TCO 5.2, Erp, CCC, China Energy, ENERGY STAR®, EPEAT Silver, WEEE, RoHS, SVHC list |

| RECYCLE / DISPOSAL | |
|---|---|
| | Please dispose of in accordance with local, state or federal laws. |

| POWER MANAGEMENT | |
|---|---|
| | ENERGY STAR® standards, EPEAT Silver |

| WARRANTY | |
|---|---|
| | Three-year limited warranty on parts, labor and backlight. |

## Optional Accessories

DVI-D to DVI-D Cable, 6FT ......................................................................... CB-00008187
DisplayPort to DVI Adapter........................................................................ LCD-CABLE-001

## What's in the box?

TD2420 display, power cable, audio cable, VGA cable, DVI cable, USB cable, Quick Start Guide, ViewSonic Wizard CD (available in some countries only)sv

SRS® PREMIUM SOUND | ∞ 20,000,000:1 MEGA Dynamic Contrast Ratio | ECO mode | FULL HD 1080p | LED | MULTI-TOUCH | EPEAT SILVER | energy ENERGY STAR

TUV NORD ISO 9001 — 2008 · TUV NORD ISO 14001 — 2004

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by TUV NORD.

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