

## Viewsonic TD2230 computer monitor 54.6 cm (21.5") 1920 x 1080 pixels Full HD LCD Touchscreen Multi-user Black

**Brand :** Viewsonic

**Product code:** TD2230

**Product name :** TD2230

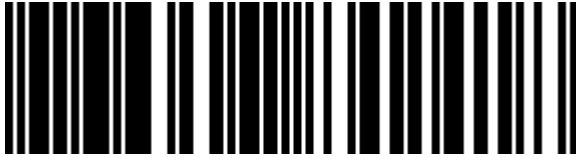
22", 1920 x 1080, 1000:1, 7ms, TFT, 178° / 178°, 21.5", 50000000:1, LED, 250 cd/m<sup>2</sup>, 7H, USB 3.0, HDMI, VGA, DisplayPort, 3W x2, 19W, 22W, 25W, 28W, 100-240 V, 50/60Hz, OSD, 0° - 40° C, 20%-90%, VESA, 24-82 kHz, 50-76 kHz, 20° - 70°, 4.7 kg, 3.6 kg, 3.6 kg

Viewsonic TD2230. Display diagonal: 54.6 cm (21.5"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	54.6 cm (21.5")	DisplayPorts quantity	1
Display resolution *	1920 x 1080 pixels	DisplayPort version	1.2
HD type *	Full HD	Audio input	1
Native aspect ratio *	16:9	Audio output	1
Display technology *	LCD	<b>Ergonomics</b>	
Panel type *	ADS	VESA mounting *	✓
Touchscreen *	✓	Panel mounting interface	100 x 100 mm
Touchscreen type	Multi-user	Wall mountable	✓
Touchscreen technology	Projected capacitive system	Tilt adjustment	✓
Touch technology	Multi-touch	Tilt angle range	20 - 70°
Number of simultaneous touchpoints	10	On Screen Display (OSD)	✓
Display brightness	250 cd/m <sup>2</sup>	Number of OSD languages	12
Response time *	5 ms	<b>Power</b>	
Screen shape *	Flat	Energy efficiency class (SDR) *	F
Supported graphics resolutions	640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080)	Energy consumption (SDR) per 1000 hours *	19 kWh
Contrast ratio (typical) *	1000:1	Power consumption (typical) *	25 W
Contrast ratio (dynamic)	50000000:1	AC input voltage	100-240 V
Maximum refresh rate *	76 Hz	AC input frequency	50 - 60 Hz
Viewing angle, horizontal	178°	Power supply type	AC
Viewing angle, vertical	178°	Energy efficiency scale	A to G
Pixel pitch	0.24825 x 0.24825 mm	<b>Operational conditions</b>	
Horizontal scan range	24 - 82 kHz	Operating temperature (T-T)	0 - 40 °C
Vertical scan range	50 - 76 Hz	Storage temperature (T-T)	-20 - 60 °C
Display diagonal (metric)	54.6 cm	Operating relative humidity (H-H)	20 - 90%
		Storage relative humidity (H-H)	5 - 90%

<b>Performance</b>		<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC *	✗	Width (with stand)	490 mm
AMD FreeSync *	✗	Depth (with stand)	47 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Height (with stand)	299 mm
Mac operating systems supported	✓	Weight (with stand)	3.58 kg
Linux operating systems supported	✓	<b>Packaging data</b>	
Other operating systems supported	Android	Package width	550 mm
<b>Multimedia</b>		Package depth	114 mm
Number of speakers	2	Package height	371 mm
RMS rated power	6 W	Package weight	4.7 kg
Built-in speaker(s) *	✓	<b>Packaging content</b>	
Built-in microphone	✗	Cables included	AC, Audio (3.5mm), HDMI, USB
Built-in camera *	✗	<b>Sustainability</b>	
<b>Design</b>		Sustainability certificates	EPEAT Bronze, ErP
Product colour *	Black	<b>Other features</b>	
<b>Ports &amp; interfaces</b>		Display viewable area (HxV)	476.64 x 268.11 mm
Built-in USB hub *	✓	Weight	3.6 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Compliance certificates	CE, REACH, RoHS
USB upstream port type	USB Type-B	Certification	cULus, FCC-B, ICES003, Energy Star 8.0, EPEAT Bronze, CEC, MX-CoC, Mexico Energy, CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, BIS, CCC, China RoHS, China Energy Label, CECP
Number of upstream ports	1		
Number of USB Type-B upstream ports quantity	1	<b>Logistics data</b>	
USB Type-A downstream ports quantity	2	Products per master (outer) case	1 pc(s)
HDMI *	✓	Pallet gross width	120 cm
HDMI ports quantity	1	Pallet gross length	100 cm
HDMI version	1.4	Pallet gross height	197.5 cm
		Harmonized System (HS) code	8528521000



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### Catalog Object Cloud



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