## 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  $^{\circ}$  / 178  $^{\circ}$  , 21,5", 50000000:1, LED, 250 cd/m2, 7H, USB 3.0, HDMI, VGA, DisplayPort, 3W x2, 19W, 22W, 25W, 28W, 100-240 V, 50/60Hz, OSD, 0  $^{\circ}$  - 40  $^{\circ}$  C, 20%-90%, VESA, 24-82 kHz, 50-76 kHz, 20  $^{\circ}$  -70  $^{\circ}$ , 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, 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 * Display resolution * HD type * Display technology * Panel type * Touchscreen *	54.6 cm (21.5") 1920 x 1080 pixels Full HD LCD ADS	HDMI ports quantity HDMI version DisplayPorts quantity DisplayPort version Audio input Audio output	1 1.4 1 1.2 1
Touchscreen type	Multi-user	Ergonomics	
Touchscreen technology Touch technology Number of simultaneous touchpoints	Projected capacitive system Multi-touch 10	VESA mounting * Panel mounting interface Wall mountable	✓ 100 x 100 mm ✓
Display brightness	250 cd/m <sup>2</sup>	Tilt adjustment	<b>✓</b>
Response time *	5 ms	Tilt angle range	20 - 70°
Screen shape *	Flat	On Screen Display (OSD)	<b>✓</b>
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)	Number of OSD languages  Power  Energy efficiency class (SDR) *	12 F
Contrast ratio (typical) *	1000:1	Energy consumption (SDR) per 1000 hours *	19 kWh
Contrast ratio (dynamic) Maximum refresh rate * Viewing angle, horizontal Viewing angle, vertical Pixel pitch Horizontal scan range	50000000:1 76 Hz 178° 178° 0.24825 x 0.24825 mm 24 - 82 kHz 50 - 76 Hz	Power consumption (typical) * AC input voltage AC input frequency Power supply type European Product Registry for Energy Labelling (EPREL) code	25 W 100-240 V 50 - 60 Hz AC 389769
Vertical scan range Display diagonal (metric)	54.6 cm	Operational conditions	
Performance		Operating temperature (T-T) Storage temperature (T-T)	0 - 40 °C -20 - 60 °C
NVIDIA G-SYNC *	×		

Performance		Operational conditions	
AMD FreeSync * Windows operating systems supported Mac operating systems supported		Operating relative humidity (H-H)	20 - 90%
		Storage relative humidity (H-H)	5 - 90%
		Weight & dimensions	
Linux operating systems supported		Width (with stand)	490 mm
Other operating systems supported		Depth (with stand) Height (with stand)	47 mm
1 3 , 11	Android		299 mm
Multimedia		Weight (with stand)	3.58 kg
Number of speakers	2	Packaging data	
RMS rated power	6 W	Package width	550 mm
Built-in speaker(s) *	1	Package depth	114 mm
Built-in microphone	×	Package height	371 mm
Built-in camera *	×	Package weight	4.7 kg
Design		Packaging content	
Product colour *	Black	Cables included	AC, Audio (3.5mm), HDMI, USB
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability certificates	EPEAT Bronze, ErP
USB hub version	3.2 Gen 1 (3.1 Gen 1) USB Type-B	Other features	
USB upstream port type		Display viewable area (HxV)	476.64 x 268.11 mm
Number of upstream ports	1	Compliance certificates	CE, REACH, RoHS
Number of USB Type-B upstream ports quantity	B Type-A downstream ports antity		cULus, FCC-B, ICES003, Energy Star 8.0, EPEAT Bronze, CEC, MX-CoC, Mexico Energy, CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC,
USB Type-A downstream ports quantity		Certification	
HDMI *			UkrSEPRO, BIS, CCC, China RoHS, China Energy Label, CECP
		Logistics data	
		Harmonized System (HS) code	85285210





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