

# ThinkVision T2224d 61B1JAT1EU

**Product**

ThinkVision T2224d

**Machine Type**

61B1

**Region**

EMEA

**Display Size**

21.5"

**View Area**

476.1x267.8 mm

**Panel**

In-Plane Switching

**Aspect Ratio**

16:9

**Resolution**

1920x1080

**Pixel Pitch**

0.248x0.248 mm

**Dot / Pixel Per Inch**

102 dpi

**View Angle (H / V)**

178 / 178

**Pixel Response Time**

7 ms

**Refresh Rate**

60 Hz

**Brightness**

250 nits

**Contrast Ratio**

1000:1

**Color Gamut**

72% NTSC

**Anti-glare**

Yes

**Multiple Input**

VGA, DP

**USB Port**

None

**Camera**

None

**Microphone**

None

**Speaker**

None

**Power Consumption (Typical / Maximum)**

20W / 25W

**Power Adapter**

Integrated

**Stand**

Tilt Stand

**Color**

Black

**Side Bezel Width**

17.6 mm

**Dimensions with Stand (HxWxD)**

381.4x512.9x204.9 mm

**Weight (Including Stand)**

6.48lb / 2.94kg

**Monitor Cable**

VGA, DP

**ENERGY STAR**

Yes

**TCO**

TCO 7.0

**EPEAT**

Silver

**Low Blue Light / Eye Comfort / Eyesafe Display**

Eye Comfort

**Base Warranty**

3-year

**Operating System Support**

Support Windows 7, Windows 10

**Sync Technology**

None

**CPU / Platform / Tiny Support**

None / None / None

**Display Ram / Storage / Card Slot**

None / None / None

**Wireless / Ethernet / Bluetooth**

None / None / None

**Touch Screen / Digitizer Pen / Battery**

None / None / None

**EAN / UPC / JAN**

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# ThinkVision T2224d MONITOR

## SPECIFICATIONS

DISPLAY		MECHANICAL	
Panel Size	21.5"	Tilt Angle (Front / Back)	-5° / 22°
Panel Type	IPS	Swivel Angle (Left / Right)	No
Backlight	WLED	Lift Range	No
Screen Dimensions (W x H) (mm)	476.064 (H) x 267.786 (V)	Pivot	No
Resolution	1920 x 1080	VESA Mount (mm)	100 x 100
Aspect Ratio	16:9 (Wide)	Kensington Lock Slot	Yes
Viewing Angle (H/V at CR 10:1)	178°/178°	Cable Management	Yes
Maximum Brightness (Typical)	250 cd/m <sup>2</sup>	Ambient Light Sensor	No
Contrast Ratio (Typical)	1000:1	Control Buttons	Yes
Dynamic Contrast Ratio	3000000:1	Bezel Color	Raven Black
Pixel Pitch (mm)	0.248	Bezel Width	
Dot/Pixel Per Inch (DP/PPI)	102	Bottom (mm / inches)	25.6 / 1.01"
Color Gamut (CIE 1931) NTSC	72%	Top (mm / inches)	17.6 / 0.69"
Number of Colors	16.7 Million	Sides (mm / inches)	17.6 / 0.69"
Response Time	4 ms (extreme mode)		
Anti-Glare	Yes		
SIGNAL INPUT		POWER CONSUMPTION	
Video Input Signals	VGA + DisplayPort	Typical	20 W
Video Cables Supplied	VGA + DisplayPort	Maximum	25 W
Video Cable Length	1.8 m	Sleep-Mode	<0.5 W
USB Hub	No	Switch-Off Mode	<0.5 W
USB Cable Supplied	No	Power Supply	Internal
		Power Voltage	90 VAC - 264 VAC
		Voltage Dynamic Frequency	47 Hz - 63 Hz
SIGNAL INTERFACE / PERFORMANCE		DIMENSIONS (W x D x H)	
Horizontal Frequency	30 kHz - 83 kHz	Size Unpacked with Stand	
Vertical Frequency	50 Hz - 75 Hz	(mm)	512.9 x 204.9 x 381.4
Native Resolution	1920 x 1080	(inches)	20.19" x 8.07" x 15.01"
Maximum Pixel Clock Speed Bandwidth		Size Unpacked without Stand (Head Only)	
VGA	205 MHz	(mm)	512.9 x 51 x 312.6
DisplayPort	165 MHz	(inches)	20.19" x 2.01" x 12.31"
Default Color Temperature	7200K	Distance from Table to Panel (mm / inches)	
Plug 'n' Play	Yes	Lowest Pixel at Bottom of Screen	94.4 / 3.72"
Preset Display Modes	22	Highest Pixel at Top of Screen	363.9 / 14.33"
User-defined Display Modes	22	Stand Base Footprint Area (mm / inches)	180 x 180 / 7.09" x 7.09"
OSD Buttons	5	Weight	
OSD Languages	8	Packed	Starting at 9.19 lbs (4.17 kg)
Lockable Controls	No	Unpacked	Starting at 6.48 lbs (2.94 kg)
		Monitor Head Only	Starting at 5.93 lbs (2.69 kg)
ENVIRONMENTAL		COMPLIANCE	
Temperature		EPEAT	Silver
Operating	0°C - 45°C	ENERGY STAR Rating	8.0
Non-operating	-20°C - 60°C	TCO	Display 7.0 / Edge 2.0
Humidity		RoHS (EU 2002/95/EC)	Yes
Operating	10% - 80%	Windows Certification	Windows 7, Windows 10
Non-operating	5% - 95%	Image Quality Capability	ISO 9241-307
Altitude		China Energy Efficiency Standard	Tier 1
Operating	5000 m		
Non-operating	0 ft - 40,000 ft		
Arsenic-free Glass	Yes		
PVC-free	Yes		
Mercury-free	Yes		
PCC % of Plastic Resins	>85%		
Low Halogen	No		
		WARRANTY AND AVAILABILITY	
		Warranty	3 Years
		Geography Availability	World Wide
		Global Model	Yes

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