

ThinkVision P27u-10 MONITOR

SPECIFICATIONS

DISPLAY		ENVIRONMENTAL	
Panel Size	27"	Temperature	
Panel Type	In-Panel Switching	Operating	0°C – 45°C
Backlight	WLED	Non-Operating	-20°C – 60°C
Resolution	3840 x 2160	Humidity	
Aspect Ratio	16:9	Operating	10% – 80%
Anti-Glare	Yes	Non-Operating	5% – 95%
Screen Dimensions (W x H) (mm)	596.74 (H) x 335.66 (V)	Altitude	
Maximum Brightness (Typical)	350 cd/m ²	Operating	0 ft – 5000 ft
Viewing Angle (H/V at CR 10:1)	178°/178°	Non-Operating	0 ft – 40,000 ft
Contrast Ratio (Typical)	1000:1	Arsenic-Free Glass	Yes
Dynamic Contrast Ratio	3M:1	PVC-Free	Yes (without Cable)
Pixel Pitch (mm)	0.1554 (H) x 0.1554 (V)	Mercury-Free	Yes
Dot/Pixel Per Inch (DP/PPI)	163	PCC % of Plastic Resins	0.85
Color Gamut (CIE 1931)	99.5% Adobe RGB		
Color Support (Typical)	1.07 Billion		
Color Depth	10-bit (8+ FRC)		
Response Time	4/6/14 ms (G-to-G)		
POWER CONSUMPTION		DIMENSIONS (W x D x H)	
Typical	50 W	Size Packed	
Maximum	160 W	(mm)	453 x 732 x 210
Sleep-Mode	<0.5 W	(inches)	17.83" x 28.82" x 8.27"
Switch Off-Mode	<0.3 W	Size Unpacked with Stand	
Power Supply	Internal	Lowest Position	
Power Voltage	100 VAC – 240 VAC	(mm)	611.6 x 269.8 x 403.3
Voltage Dynamic Frequency	50 Hz – 60 Hz	(inches)	24.08" x 10.62" x 15.88"
SIGNAL INPUT		Highest Position	
Video Input Signals	2 HDMI + DisplayPort + USB Type-C	(mm)	611.6 x 269.8 x 513.3
Video Cables Supplied	HDMI*, DisplayPort, USB Type-C	(inches)	24.08" x 10.62" x 20.21"
Video Cable Length	1.8 m	Size Unpacked without Stand (Monitor Head Only)	
USB Hub	Yes	(mm)	611.6 x 45.5 x 368.4
USB Cable Supplied	Yes (USB Type-C to Type-A Cable)	(inches)	24.08" x 1.79" x 14.5"
Audio-Out	Yes	Distance from Table to Panel	
SIGNAL INTERFACE / PERFORMANCE		Lowest Pixel at Bottom of Screen	
Horizontal Frequency	30 kHz – 160 kHz	(mm / inches)	60.2 / 2.37"
Vertical Frequency	23 Hz – 80 Hz	Highest Pixel at Top of Screen	
Native Resolution	3840 (H) x 2160 (V)	(mm / inches)	505.8 / 19.91"
Maximum Pixel Clock Speed/Bandwidth	HDMI : 600 MHz DisplayPort : 5.4 Gbps USB Type-C : 5.4 Gbps/Lane	Stand Base Footprint Area	
Default Color Temperature	6500K	(mm / inches)	260 x 260 / 10.24" x 10.24"
Preset/User Modes	27/20	Weight	
OSD Buttons	5 Buttons	Packed	Starting at 24.25 lbs (11 kg)
OSD Languages	English, French, German, Spanish, Italian, Japanese, Simplified Chinese, Russian	Unpacked	Starting at 15.32 lbs (6.95 kg)
		Monitor Head Only	Starting at 11.02 lbs (5 kg)
MECHANICAL		COMPLIANCE	
Tilt Angle (Front / Back)	-5° / 30°	TCO	TCO Edge 2.0
Swivel Angle (Left / Right)	+/-45°	RoHS (EU 2002/95/EC)	Yes
Lift (mm)	Yes (110)	Windows Certification	Windows 7 / Windows 10
Pivot	+/-90°	China Energy Efficiency Standard	Tier 2
VESA Mount (mm x mm)	Yes (100 x 100)		
Kensington Lock Slot	Yes		
Cable Management	Yes		
Bezel Color	Raven Black		
Bezel Width			
Top (mm / inches)	2 / 0.08"		
Bottom (mm / inches)	24.5 / 0.96"		
Sides (mm / inches)	2 / 0.08"		
WARRANTY AND AVAILABILITY			
Warranty		3 Years	
Geography Availability		WW	



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* NA only.

¹ Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: - 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s for USB 3.1 Gen 2 & 20 Gbit/s for USB 3.2.