ThinkVision P27q-10 MONITOR

SPECIFICATIONS

DISPLAY

Panel Size	27" Wide
Panel Type	In-Plane Switching
Backlight	WLED
Resolution	2560 x 1440, QHD
Aspect Ratio	16:9
Screen Dimensions (W x H) (mm)	596.74 (H) x 335.66 (V)
Maximum Brightness (Typical)	350 cd/m²
Minimum Brightness (Typical)	300 cd/m²
Viewable Area (Diagonal) (mm / inches)	685.8 / 27"
Viewing Angle (H/V at CR 10:1)	178°/178°
Viewing Angle (H/V at CR 5:1)	178°/178°
Contrast Ratio (Typical)	1000:1
Dynamic Contrast Ratio (Typical)	3M:1
Pixel Pitch (mm)	0.2331
Dot/Pixel Per Inch (DP/PPI)	109
Color Gamut (CIE 1931)	99% sRGB
Color Support (Typical)	16.7 Million
Response Time (Typical)	4/6/15 ms (G to G)
Processor LUT	True 8-bit

DIMENSIONS (W x D x H)

Size Packed	
(mm)	453 x 732 X 210
(inches)	17.83" x 28.82" X 8.27"
Size Unpacked with Stand	
(mm)	614 x 269.8 X 513
(inches)	24.17" x 10.62" X 20.2"
Size Unpacked without Stand (Monitor Head Only)	
(mm)	540.2 x 42 x 325.98
(inches)	21.26" x 1.65" x 12.83"
Distance from Table to Panel (mm / inches)	
Lowest Pixel at Bottom of Screen	58.8 / 2.31"
Highest Pixel at Top of Screen	504.4 / 19.86"
Stand Base Footprint Area (mm / inches)	260 x 260 / 10.24" x 10.24"
Weight	
Packed	Starting at 23.8 lbs (10.8 kg)
Unpacked	Starting at 15.43 lbs (7 kg)
Monitor Head Only	Starting at 10.58 lbs (4.8 kg)
Full Container Load (40' STD / 20' STD)	800 Units / 350 Units

SIGNAL INPUT

Video Input Signals	2 x HDMI 1.4 DisplayPort 1.2 Mini DisplayPort DisplayPort-Out
Video Cables Supplied	Mini DisplayPort – DisplayPort Cable
Video Cable Length	1.8 m
Daisy Chain Support	Yes
USB Hub	USB 3.0[1] (1 x Up, 4 x Down (1 x BC 1.2))
USB Cable Supplied	Yes
USB Cable Length	1.8 m
Audio-Out	Yes (3.5 mm)

POWER CONSUMPTION

Typical	38 W
Maximum	75 W
Sleep-Mode	<0.5 W
Off-Mode	<0.5 W
Power Supply	Internal
Power Voltage	100 VAC – 240 VAC
Voltage Dynamic Frequency	50 Hz – 60 Hz

WARRANTY AND AVAILABILITY

Geography Availability	Worldwide
ThinkVision Logo	Yes
Global Model	Yes
Warranty	3 Years

MECHANICAL

Tilt Angle (Front / Back)	-5° / 30°
Swivel Angle (Left / Right)	+/-45°
Lift (mm)	110
Pivot	CW/CCW 90°
VESA Mount	Yes (100 mm)
Kensington Lock Slot	Yes
Cable Management	Yes
Bezel Color	Raven Black
Bezel Width	
Sides (mm / inches)	2 / 0.08"
Top (mm / inches)	2 / 0.08"
Bottom (mm / inches)	22.9 / 0.9"

SPECIAL FEATURES

Anti-Glare	Yes
Thin Client Support (Tiny)	Yes
Others	Daisy Chain

ENVIRONMENTAL

Temperature	
Operating	0 °C – 40 °C
Non-operating	-20 °C – 60 °C
Humidity	
Operating	8% – 80%
Non-operating	5% – 95%
Altitude	
Operating	0 m – 5000 m
Non-operating	0 ft – 40,000 ft
Ambient Operating Temperature	0 °C – 40 °C
Heat Dissipation	
Typical	129.68 Btu/h
Maximum	255.75 Btu/h
Arsenic-Free Glass	Yes
PVC-Free	Yes
Mercury-Free	Yes
PCC % of Plastic Resins	>85%

SIGNAL INTERFACE / PERFORMANCE

Horizontal Frequency	50 Hz – 76 Hz
Vertical Frequency	30 kHz – 99 KHz
Native Resolution	60 Hz (2560 x 1440)
Maximum Pixel Clock Speed / Bandwidth	
HDMI	300 MHz
DisplayPort	5.4 GHz
Default Color Temperature	6500K
Preset/User Modes	20/24
On Screen Display (OSD) Controls	
Buttons	5 Buttons
Languages	English, French, Italian, German, Spanish, Japanese, Chinese, Russian

CERTIFICATIONS

TCO	TCO 7.0 / TCO Edge 2.0
ULE	Gold
GREENGUARD	VOC
RoHS (EU 2002/95/EC)	Yes
Windows Certification	Windows 7 / Windows 10
Image Quality Capability	ISO 9241-307
Reduction of Hazardous Substances	Arsenic-Free / Mercury-Free
China Energy Efficiency Standard	Tier 1

[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.

WWW.LENOVO.COM

Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo makes every effort to ensure accuracy of all information but is not liable or responsible for any editorial, photographic or typographic errors. All images are for illustration purposes only. For full Lenovo product, service and warranty specifications visit www.lenovo.com. Lenovo makes no representations or warranties regarding third party products or services. **Trademarks:** The following are trademarks or registered trademarks of Lenovo: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkServer, ThinkVantage and ThinkVision. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product and service names may be trademarks or service marks of others. Battery life (and recharge times) will vary based on many factors including system settings and usage. Visit www.lenovo.com/lenovo/us/en/safecomp/ periodically for the latest information on safe and effective computing. **©2020 Lenovo. All rights reserved.**