Lenovo ThinkVision 27 3D Monitor

Immersive experiences in 3D now becomes glasses-free!

Immersion becomes glasses-free

- Relying on glasses for 3D content is a thing of the past with switchable lenticular lens.

- Experience seamless 3D even when moving your head around with real-time eye-tracking.

- View your favorite 3D content in unparalleled clarity without any dips in refresh rate!

Hybrid 2D/3D for hyper creativity

- Seamlessly switch between 2D and 3D content with the monitor's 2D and 3D compatibility.

- Relish sharp and color accurate content with 4K resolution and 99% DCI-P3 and Adobe RGB color space coverage.

- Connect with convenience using single cable USB-C docking and stack* support.

Integrated 3D ecosystem

- Always stay at the cutting edge of 3D workflows with Lenovo's suite of continuously developed and upgraded apps.

- Enjoy a rich and smooth user experience while using our host of 3D tools and softwares, all designed to provide great 3D viewing pleasure.

- Offload 3D processing to the monitor with the built-in 3D engine to get peak performance from your computer.

*Utilize our stack support to easily add Lenovo's Webcam and Soundbar. Sold separately.

Lenovo
ThinkVision

Lenovo ThinkVision 27 3D Monitor

Display

Panel Size
27-inch

Screen Dimensions
608.8 mm x 355.3 mm

Panel Type
In-Plane Switching

Active Area
596.7 mm x 335.7 mm

Backlight
WLED

Aspect Ratio
16:9

Resolution
3840 x 2160

Pixel Pitch
0.155 mm x 0.155 mm

Dot/Pixel Per Inch (DPI/PPI)
163

Viewing Angle (H x V @ CR 10:1)
178° / 178°

Response Time
4ms (Extreme Mode),
6ms (Normal Mode)

Refresh Rate
60Hz

Brightness (Typical)
310 cd/m^2

Contrast Ratio (Typical)
1200:1

Dynamic Contrast Ratio (Typical)
3M:1

Color Gamut (Coverage Ratio)
99% DCI-P3; 99% Adobe RGB;
100% sRGB; 100% BT.709;
83% BT.2020 (CIE 1931)

Color Support (Typical)
16.7 Million

Color Depth
8-bit

HDR Compliance
Yes (HDR10 Decoding)

3D Features

2D/3D Switchable
Yes

3D Resolution
1920 x 2160

Optimal Viewing Distance
60 cm - 100 cm

Recommended 3D Viewing Distance
70 cm ~ 90 cm

Optimal Viewing Angle
Horizontal : ± 20°
Vertical   : ± 20°

Number of Viewers
1

Eye Tracking
Yes

Environmental Conditions
0 lx - 1000 lx

Minimal PC Requirements[1]
GPU :NVIDIA® GeForce® GTX 1050 (or AMD, Intel® graphics card with equivalent performance)
System : Windows 10 64-bit
Memory :DDR5, 8GB
Hard Disk :Available Space 50GB
CPU :i5 7400/3.00GHz

Connectivity

Video Signal
USB Type-C[2] (DP 1.4 Alt Mode, up to 100W)
2 x HDMI 2.1[3]
1 x DP 1.4

Audio Signal
1 x Audio Out (3.5 mm)

USB Hub
Yes

Ethernet
Yes (10M/100M/1000M)

USB Upstream
1 x USB 3.2 Gen 1[4] Type-C

USB Downstream
4 x USB 3.2 Gen 1 Type-A
1 x USB 3.2 Gen 1 Type-C (15W)

Multimedia

Integrated Speakers
Yes (2 x 5W)

Modular Camera/Speaker Support
Yes (ThinkVision MC60)[5]

Special Features

Factory Calibration
Yes (Avg. Delta E<1 for DCI-P3, Adobe RGB, and sRGB)

Software
3D Explorer[6] (available from Lenovo Accessories and Display Manager[7] - ThinkColour)
3D Master (3D viewing App), Design Engine, 2D-to-3D Converter, Plugins, SDK

Third-party Software Support[8]
Microsoft 365, PTC Creo, Autodesk 3ds Max, Autodesk VRED, Autodesk Maya, Trimble SketchUp Pro, Blender, Lumiscaphe Patchwork 3D, Dassault Systems Deltagen, Unity, C++ & Unreal (via SDK)

Power

Power Consumption (Typ. / Max.)
43.8W / 246.0W

Power Consumption Sleep/Off Mode
< 0.5W

Power Consumption Switch-off Mode
< 0.3W

Power Supply
Internal

USB Power Delivery[9]
Up to 100W

USB Type-C (Downstream) Power Delivery
Up to 15W

Smart Power
Yes

Voltage Required
AC 100 to 240 V (50-60Hz)

Mechanical

Tilt Angle (Front / Back)
-5° / 23.5°

Swivel Angle (Left / Right)
-45° / 45°

Lift (Max. Range)
155 mm

Pivot
-90° / 90°

VESA Mount Capability
Yes (100 x 100 mm)

ThinkCentre M Series Tiny Support
Yes

ThinkCentre M Series Nano Support
Yes

Kensington Lock Slot
Yes (2.5 mm x 6 mm and 3 mm x 7 mm)

Headphone Hook
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
8.0 mm

Bezel Width (Top / Bottom)
8.0 mm / 44.3 mm

Dimension

**Size Packed
(D x H x W, mm / inch)**
165.0 x 520.0 x 720.0 mm
6.50 x 20.47 x 28.35 inches

**Size Unpacked w/ Stand
(Highest Position)
(D x H x W, mm / inch)**
222.7 x 568.0 x 614.8 mm
8.77 x 22.36 x 24.20 inches

**Size Unpacked w/ Stand
(Lowest Position)
(D x H x W, mm / inch)**
222.7 x 413.0 x 614.8 mm
8.77 x 16.26 x 24.20 inches

**Size Unpacked w/o Stand
(Head Only)
(D x H x W, mm / inch)**
72.3 x 390.0 x 614.8 mm
2.85 x 15.35 x 24.20 inches

Weight Packed (kg / lb)
12.4 kg / 27.3 lbs

Weight Unpacked (kg / lb)
8.9 kg / 19.6 lbs

Weight (Monitor Head Only) (kg / lb)
6.6 kg / 14.6 lbs

What's in the Box

Monitor with Stand
Yes

Power Cable (Cable Length)
1 x Power Cable (1.8 m)

DP Cable (Cable Length)
1 x DP Cable (1.8 m)

HDMI Cable (Cable Length)
1 x HDMI Cable (1.8 m)

USB Cable (Cable Length)
1 x USB Type-C to Type-A Cable (1.8 m)
1 x USB Type-C to Type-C Gen 2 Cable (1.5 m)

Factory Calibration Report
Yes

Quick Setup Guide
Yes

Cleaning Cloth
Yes

Certification

CCC
Yes

Volatile Organic Compound Certification
Yes

RoHS (2011/65/EU)
Yes

Windows Certification
Windows 10, Windows 11

EU Energy Level Certification
Exempt (Level: G)

China Energy Efficiency Standard
Tier 1

TÜV Rheinland Eye Comfort
Yes