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.







Lenovo ThinkVision

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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

Resolution

Pixel Pitch

0.155 mm x 0.155 mm

Dot/Pixel Per Inch (DPI/PPI)

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/m²

Contrast Ratio (Typical)

Dynamic Contrast Ratio (Typical)

Color Gamut (Coverage Ratio)

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

Color Support (Typical)

Color Depth 8-bit

HDR Compliance

Yes (HDR10 Decoding)

2D/3D Switchable

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

Eye Tracking

Environmental Conditions

0 lx - 1000 lx

Minimal PC Requirements¹

: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

Video Signal

USB Type-C² (DP 1.4 Alt Mode, up to 100W) 2 x HDMI 2.1³

1 x DP 14

Audio Signal

1 x Audio Out (3.5 mm)

Ethernet

Yes (10M/100M/1000M)

USB Upstream

1 x USB 3.2 Gen 14 Type-C

USB Downstream

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

Integrated Speakers

Yes (2 x 5W)

Modular Camera/Speaker Support

Yes (ThinkVision MC60)⁵

Factory Calibration

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

3D Explorer⁶ (available from Lenovo Accessories and Display Manager⁷

ThinkColour) 3D Master (3D viewing App),

Design Engine, 2D-to-3D Converter, Plugins, SDK

Third-party Software Support⁸

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 Consumption (Typ. / Max.)

43.8W / 246.0W

Power Consumption Sleep/Off Mode

Power Consumption Switch-off Mode

< 0.3W

Power Supply

Internal

USB Power Delivery9

Up to 100W

USB Type-C (Downstream)

Power Delivery Up to 15W

Smart Power

Voltage Required

AC 100 to 240 V (50-60Hz)

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

Kensington Lock Slot

Yes (2.5 mm \times 6 mm and 3 mm \times 7 mm)

Headphone Hook

Yes

Cable Management

Bezel Color Raven Black

Bezel Width (Side)

Bezel Width (Top / Bottom)

8.0 mm / 44.3 mm

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)

Weight (Monitor Head Only) (kg

6.6 kg / 14.6 lbs

What's in the Box

Monitor with Stand

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**

Quick Setup Guide

Cleaning Cloth Yes

ertification

ccc

Yes

Yes

Volatile Organic Compound

Certification

RoHS (2011/65/EU)

Yes

Windows Certification Windows 10, Windows 11

EU Energy Level Certification

Exempt (Level: G)

China Energy Efficiency Standard TÜV Rheinland Eye Comfort







RTX2080 and above; Graphic card driver newer than version 527.41; O/S: Windows 10, version 1803 (10.0.17134.0) and above. | ² USB Type-C* and USB-C* are registered trademarks of USB Implementers Forum. | ³ Supports 4K @ 60Hz as specified in HDMI 2.1. | ⁴ 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: S 6bit/s for USB 3.2 Gen 1; 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/s for USB 3.2 Gen 2x2. | ⁵ Sold separately. | ⁶ Must be installed on the PC connected to the monitor. This software can only be used with Windows 10 and Windows 10 A.1 Mac OS, Windows 0A PArm (functions vary across systems). | ⁸ Selected third-party products are listed. Compatibility is tested on limited versions/models only. Compatible product list is subject to change without notice. 3D monitor is developed to be compatible with and should be used with fully licensed specific versions of third-party software only. Lenovo makes no representation or warranty, and assumes no responsibility with regard to, the selection, performance, or use of third-party products or services that are licensed/provided by third parties under their own terms and conditions and may be subject to license fees and/or other costs. | ⁹ Listed as maximum capacity of power delivery. Actual capacity of power delivery may vary depending upon devices connected or monitor configuration, and may decline with downstreast USB ports connected or higher brightness setting.

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