

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 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<sup>2</sup>

#### 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<sup>1</sup>

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<sup>2</sup> (DP 1.4 Alt Mode, up to 100W)

2 x HDMI 2.1<sup>3</sup>

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<sup>4</sup> 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)<sup>5</sup>

### Special Features

#### Factory Calibration

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

#### Software

3D Explorer<sup>6</sup> (available from Lenovo  
Accessories and Display Manager<sup>7</sup> -  
ThinkColour)

3D Master (3D viewing App),  
Design Engine, 2D-to-3D Converter,  
Plugins, SDK

#### Third-party Software Support<sup>8</sup>

Microsoft 365, PTC Creo,  
Autodesk 3ds Max, Autodesk VRED,  
Autodesk Maya, Trimble SketchUp Pro,  
Blender, Lumiscaphe Patchwork 3D,  
Dassault Systems Deltagen,  
Unity & C++ (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<sup>9</sup>

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



<sup>1</sup> RTX2080 and above; Graphic card driver newer than version 527.41; O/S: Windows 10, version 1803 (10.0.17134.0) and above. | <sup>2</sup> USB Type-C<sup>®</sup> and USB-C<sup>®</sup> are registered trademarks of USB Implementers Forum. | <sup>3</sup> Supports 4K @ 60Hz as specified in HDMI 2.1. | <sup>4</sup> 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 3.2 Gen 1; 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/s for USB 3.2 Gen 2x2. | <sup>5</sup> Sold separately. | <sup>6</sup> Must be installed on the PC connected to the monitor. This software can only be used with Windows 10 and Windows 11. | <sup>7</sup> Supports Windows 10 & 11, Mac OS, Windows On Arm (functions vary across systems). | <sup>8</sup> 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. | <sup>9</sup> 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 downstream USB ports connected or higher brightness setting.

© 2024 Lenovo. All rights reserved. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, U.S.A., Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, ThinkVision, and ThinkColour are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core 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. Specifications may vary depending upon region.