Thinkvision P24h-2L Monitor

Intuitive design for comfortable working.

Unifying simplicity and aesthetics.

An immersive visual experience and enhanced productivity are what you get when using the ThinkVision P24h-2L. Its 23.8-inch display comes with QHD resolution, In-Plane Switching (IPS), and 3-side NearEdgeless bezels. This monitor offers versatile connectivity options for seamless collaboration in a multiscreen setup. Smart Power function[1] intelligently detects overall power consumption and dynamically manages power delivery. With Natural Low Blue Light technology built in, this monitor doesn't compromise on color performance or picture quality while reducing harmful blue light.

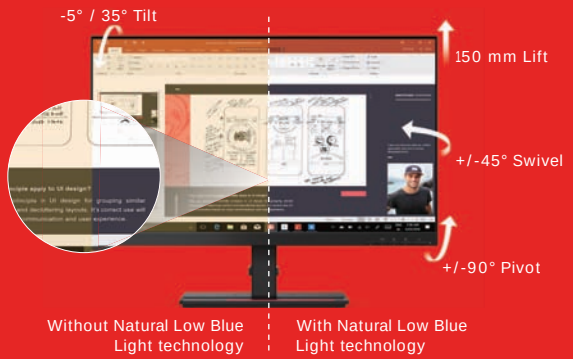
FEATURES OF THINKVISION P24h-2L MONITOR

Astonishing display

With 1.77 times the pixels than Full-HD in the 3-side NearEdgeless IPS panel, the monitor's QHD resolution offers more screen real estate to carry out everyday tasks with clarity and ease. The ThinkVision P24h-2L is factory calibrated (avg. Delta E<2) to deliver the truest view of original content. 99% sRGB, 99% BT.709, and 83% DCI-P3 color gamuts ensure color consistency throughout, delivering vibrant and striking image quality.

Performance at its best

The ThinkVision P24h-2L, a USB-C[2] docking monitor offers a one-cable solution that simultaneously transmits power, video, audio, and data. Create a multi-monitor setup with its daisy chaining functionality for seamless multitasking. Integrated speakers with immersive audio enhance collaboration. Smart Power[1] technology intelligently distributes power supply while optimizing overall power consumption. Access speedy and secure network connectivity with an ethernet port that supports MAPT, PXE, and WOL (S3-S5)[3].



Enhanced user experience

Customize the ThinkVision P24h-2L for maximum comfort with its tilt, lift, pivot, and swivel functionality. Keep your desk clutter-free with the cable management system, small square base, and integrated phone holder. This monitor has flexible VESA mounting options so you can install it on a wall or over a desk. Equipped with ThinkColour Software[4], this monitor lets you adjust display settings using the mouse, offering a better user experience. This TÜV Rheinland Eye Comfort-certified monitor possesses Natural Low Blue Light technology that maintains color performance while allowing you to work effortlessly without worrying about eye fatigue.

[1] The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device. | [2] USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
[3] MAPT (Mac Address Pass Through), PXE (Preboot eXecution Environment), WOL (Wake on LAN) - these functions are for compatible PCs only. | [4] This software can only be used with Windows 10 & Windows 11.

ThinkVision P24h-2L Monitor

DISPLAY

Panel Size
23.8-inch

Screen Dimensions
535.0 mm x 313.0 mm

Panel Type
3-side NearEdgeless
In-Plane Switching

Active Area
526.9 mm x 296.4 mm

Backlight
WLED

Aspect Ratio
16:9

Resolution
2560 x 1440

Pixel Pitch
0.2058 mm x 0.2058 mm

Dot/Pixel Per Inch (DPI/PPI)
123

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

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

Refresh Rate
60 Hz

Brightness (Typical)
300 cd/m²

Contrast Ratio (Typical)
1000:1

Dynamic Contrast Ratio (Typical)
3M:1

Color Gamut
99% sRGB, 99% BT.709,
83% DCI-P3

Color Support (Typical)
16.7 Million

Anti-Glare
Yes

CONNECTIVITY

Video Signal
1 x USB Type-C[1] Gen 1
(DP 1.2 Alt Mode)
1 x HDMI 1.4
1 x DP 1.2
1 x DP 1.2 (Out)

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[2]
(by USB Type-C[1] Gen 1)

USB Downstream
4 x USB 3.2 Gen 1[2] (1 x BC 1.2)

MULTIMEDIA

Integrated Speakers
Yes (2 x 1W)

Optional Soundbar Support
Yes (PN 0A36190)

SPECIAL FEATURES

Software
Lenovo ThinkColour (Lenovo Display Control Center)[3]

POWER

Power Consumption (Typ. / Max.)
23W / 132W

Power Consumption Sleep/Off Mode
≤ 0.5W

Power Consumption Switch-off Mode
≤ 0.3W

ENERGY STAR Power Consumption (P_{on}/E_{TEC})
18.1W / 57.4kWh

Power Supply
Internal

USB Type-C[1] Power Delivery (W)[4]
Up to 75W

Smart Power[5]
Yes

Voltage Required
AC 100 to 240 V (47-63 Hz)

MECHANICAL

Tilt Angle (Front / Back)
-5° / 35°

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

Lift Range
150 mm

Pivot
-90° / 90°

VESA Mount Capability
Yes (100 x 100 mm)

ThinkCentre M Series Tiny Support[6]
Yes, by Tiny Monitor Clamp II
(PN: 4XH0Z42451) &
Tiny VESA Mount II (PN: 4XF0N03161)

ThinkCentre M Series Nano Support[6]
Yes, by Nano Monitor Clamp II
(PN: 4XH0Z42451) &
Nano VESA Mount (PN: 4XF0V81630)[6]

Kensington Lock Slot
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
2.0 mm

Bezel Width (Top / Bottom)
2.0 mm / 21.4 mm

DIMENSION

Size Packed
(D x H x W) (mm/inch)
620.0 x 423.0 x 149.0 mm
24.41 x 16.65 x 5.87 inches

Size Unpacked w/ Stand (Lowest Position)
(D x H x W) (mm/inch)
205.0 x 420.0 x 539.8 mm
8.07 x 16.54 x 21.25 inches

Size Unpacked w/ Stand (Highest Position)
(D x H x W) (mm/inch)
205.0 x 570.0 x 539.8 mm
8.07 x 22.44 x 21.25 inches

Size Unpacked w/o Stand (Head Only)
(D x H x W) (mm/inch)
46.6 x 325.7 x 539.8 mm
1.83 x 12.82 x 21.25 inches

Weight Packed (kg / lbs.)
8.5 kg / 18.7 lbs.

Weight Unpacked (kg / lbs.)
6.4 kg / 14.1 lbs.

Weight (Monitor Head Only) (kg / lbs.)
4.1 kg / 9.0 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) (US & Canada only)

USB Cable (Cable Length)
1 x USB Type-C[1] to Type-C[1] Cable (1.8 m)
1 x USB Type-C[1] to Type-A Cable (1.8 m)
(US & Canada only)

Factory Calibration Report
Yes

Quick Setup Guide
Yes

CERTIFICATION

ENERGY STAR Certification
8.0

CCC
Yes

TCO
8.0

TCO Edge
2.0

EPEAT
Gold

RoHS (EU 2011/65/EU)
Yes

Windows Certification
Windows 7, Windows 10, Windows 11

China Energy Efficiency Standard
Tier 1

TÜV Rheinland Eye Comfort
Yes

TÜV Low Blue Light (Hardware Solution)
Yes

Eyesafe Display Certification
Yes

[1] USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. | [2] 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, and 20 Gbit/s for USB 3.2. | [3] This software can only be used with Windows 10 & Windows 11. | [4] Up to 75 W power delivery to compatible devices by USB Type-C. 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. | [5] The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device. | [6] Sold separately.

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