

# THINKVISION P24h

INTUITIVE DESIGN FOR COMFORTABLE WORKING

Lenovo

## UNIFYING SIMPLICITY AND AESTHETICS

An immersive visual experience and enhanced productivity are what you get when using the ThinkVision P24h-20. 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\* intelligently detects overall power consumption and dynamically manages power delivery.



## FEATURES OF THINKVISION P24h-20



### Astonishing Display

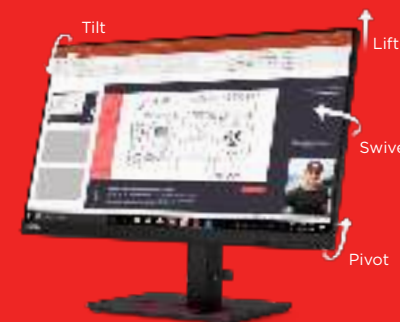
With 1.77 times the pixels than Full-HD in the 3-side NearEdgeless IPS panel, the monitor's QHD resolution offers more screen real estate to carry out everyday tasks with clarity and ease. The ThinkVision P24h-20 is factory calibrated (avg. Delta E<2) to deliver the truest view of original content. 99% sRGB, 99% BT.709, and 84% DCI-P3 color gamuts ensure color consistency throughout, delivering vibrant and striking image quality.



### Performance at Its Best

The ThinkVision P24h-20, a USB-C Hub 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. Built-in speakers with immersive audio enhance collaboration. Smart Power\* technology intelligently distributes power supply while optimizing overall power consumption.

\*up to 75 W power delivery to compatible devices by USB Type-C



### Integrated Ergonomics

Customize the ThinkVision P24h-20 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. Work effortlessly on this TÜV Rheinland Eye Comfort-certified monitor without worrying about eye fatigue.

# ThinkVision P24h-20

## DISPLAY

**Panel Size**  
23.8-inch

**Screen Dimensions**  
526.85 mm x 296.35 mm

**Panel Type**  
3-side NearEdgeless  
In-Plane Switching

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
2560 x 1440

**Pixel Pitch**  
0.2058 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/m<sup>2</sup>

**Contrast Ratio (typical)**  
1000:1

**Dynamic Contrast Ratio (typical)**  
3M:1

**Color Gamut**  
99% sRGB,  
99% BT.709,  
84% DCI-P3

**Color Support (typical)**  
16.7 Million

**Processor LUT**  
8-bit

**Anti-glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x USB Type-C Gen1  
(DP1.2 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 3.1 Gen1  
(by USB Type-C Gen1)

**USB Downstream**  
4 x USB 3.1 Gen1 (1 x BC1.2)

## MULTI-MEDIA

**Integrated Speakers**  
Yes (2 x 1W)

**Optional Soundbar Support**  
Yes (PN OA36190)

## SPECIAL FEATURES

**Factory Calibration**  
Yes (Avg. ΔE<2)

## 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 ( $P_{off}/E_{TEC}$ )**  
18.49W / 60.11kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
up to 75 W\*

**Smart Power**  
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 (max. range)**  
150 mm

**Pivot**  
-90° / 90°

**VESA Mount Capability**  
Yes (100 x 100 mm)

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (side)**  
2 mm

**Bezel Width (top/bottom)**  
2 / 21.4 mm

## DIMENSION

**Size Packed (D x H x W, mm/inch)**  
620 x 149 x 423 mm  
24.4 x 5.9 x 16.7 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)**  
205 x 420 x 539.8 mm  
8.07 x 16.5 x 21.3 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)**  
205 x 570 x 539.8 mm  
8.07 x 22.4 x 21.3 inches

**Size Unpacked w/o Stand (head only) (D x H x W, mm/inch)**  
44.6 x 325.7 x 539.8 mm  
1.8 x 12.8 x 21.3 inches

**Min. Distance from Table to Panel (lowest pixel at bottom of screen, mm)**  
117.9 mm

**Max. Distance from Table to Panel (highest pixel at top of screen, mm)**  
415 mm

**Weight Packed (kg/lbs.)**  
8.1 kg / 17.86 lbs.

**Weight Unpacked (kg/lbs.)**  
6.18 kg / 13.6 lbs.

**Weight (monitor head only) (kg/lbs.)**  
3.85 kg / 7.89 lbs.

**Full Container Load (40' STD/20' STD)**  
1395 / 645 units

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8 m)  
1 x DP cable (1.8 m) (NA only)  
1 x USB Type-C to Type-C cable (1.8 m)  
1 x USB Type-C to Type-A cable (1.8 m) (NA only)  
Factory calibration report  
Quick setup guide

## CERTIFICATION

**ENERGY STAR Rating**  
8.0

**CCC**  
Yes

**TCO**  
8.0

**TCO Edge**  
2.0

**EPEAT**  
Silver

**RoHS (EU 2002/95/EC)**  
Yes

**Windows Certification**  
Windows 7, Windows 10

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes



\*up to 75 W power delivery to compatible devices by USB Type-C

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 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.

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Specifications may vary depending upon region.

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