

# ThinkVision P24h-2L 62B2GAT1EU

## Product

ThinkVision P24h-2L

## Machine Type

62B2

## Region

EMEA

## Display Size

23.8"

## View Area

535x313 mm

## Panel

In-Plane Switching

## Aspect Ratio

16:9

## Resolution

2560x1440

## Pixel Pitch

0.2058x0.2058 mm

## Dot / Pixel Per Inch

123 dpi

## View Angle (H / V)

178 / 178

## Response Time

4 ms (Extreme mode) / 6 ms (Typical mode)

## Color Support

16.7 Million

## Refresh Rate

60 Hz

## Brightness

300 nits

## Contrast Ratio

1000:1

## Color Gamut

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

## Curvature

None

## Anti-glare

Yes

## Video Connector

1x HDMI 1.4, 1x DP 1.2, 1x DP 1.2 Out, 1x USB-C 3.2 Gen 1 (DP 1.2 Alt Mode)

## USB Port

4x USB 3.2 Gen 1 (1x BC 1.2)

## Camera

None

## Microphone

None

## Speakers

2x 1W, Optional soundbar support

## Power Consumption (Typical / Maximum)

23W / 132W

## Power Adapter

Integrated

## Stand

Tilt, Swivel, Pivot, Height Adjust Stand

## Color

Raven Black

## Side Bezel Width

2 mm

## Dimensions with Stand (HxWxD)

570x539.8x205 mm / 22.44x21.25x8.07 inches

## Weight (Including Stand)

6.39 kg / 14.09 lbs.

## Cables Included

USB Type-C to Type-C cable

## Environmental Certification

Energy Star Certified, TCO 8.0, TCO Edge 2.0, EPEAT Silver, RoHS

## Ergonomic Certification

Eyesafe Display, TÜV Low Blue Light (Hardware solution), TÜV Rheinland Eye Comfort

## Base Warranty

3-year

## Operating System Support

Support Windows 7, Windows 10

## Sync Technology

None

## Tiny Support / CPU / Platform

Tiny Support, Nano Support / None / None

## Ethernet / Bluetooth / Wireless

Ethernet (10M/100M/1000M) / None / None

## Touch Screen / Digitizer Pen / Battery

None / None / None

## Display Ram / Storage / Card Slot

None / None / None

## EAN / UPC / JAN

0195348052351 / 195348052351 / None

## Announce Date

2020-12-12

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# ThinkVision P24h-2L Monitor

## DISPLAY

**Panel Size**  
23.8-inch

**Screen Dimensions**  
535 mm x 313 mm

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

**Active Area**  
526.85 mm x 296.35 mm

**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,  
83% DCI-P3

**Color Support (typical)**  
16.7 Million

**Anti-glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x USB Type-C<sup>3</sup> 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

**USB Upstream**  
1 x USB 3.2 Gen1  
(by USB Type-C Gen1)

**USB Downstream**  
4 x USB 3.2 Gen1 (1 x BC1.2)

## MULTI-MEDIA

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

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

## SPECIAL FEATURES

**Software**  
Lenovo ThinkColour (Lenovo Display Control Center)<sup>2</sup>

## 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<sub>on</sub>/E<sub>TEC</sub>)**  
18.1W / 57.4kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
up to 75 W<sup>4</sup>

**Smart Power<sup>1</sup>**  
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)

**ThinkCentre M Series Nano Support**  
Yes, by Tiny/Nano monitor clamp II (PN: 4XHOZ42451) and Tiny VESA mount II (PN: 4XFON03161)

**ThinkCentre M Series Nano Support**  
Yes, by Tiny/Nano monitor clamp II (PN: 4XHOZ42451) and Nano VESA mount (PN: 4XFOV81630)

**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  
24.40 x 16.70 x 5.90 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (Lowest Position)**  
205.0 x 420.0 x 539.80 mm  
8.07 x 16.53 x 21.25 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)**  
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.)**  
8.46 kg / 18.65 lbs.

**Weight Unpacked (kg/lbs.)**  
6.39 kg / 14.09 lbs.

**Weight (monitor head only) (kg/lbs.)**  
4.10 kg / 9.04 lbs.

## WHAT'S IN THE BOX

**Monitor with stand**  
1 x Power cable (1.8 m)  
1 x DP cable (1.8 m)  
(US & Canada 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) (US & Canada 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

**TÜV Low Blue Light (Hardware Solution)**  
Yes

**Eyesafe Display Certification**  
Yes



<sup>1</sup> The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device. | <sup>2</sup> This software can only be used with Windows 10. | <sup>3</sup> USB Type-C\* and USB-C\* are registered trademarks of USB Implementers Forum. | <sup>4</sup> 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.

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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