

# ThinkVision P32p-20 62A2GAT2CH

## Product

ThinkVision P32p-20

## Machine Type

62A2

## Region

EMEA

## Display Size

31.5"

## View Area

697.31x392.23 mm

## Panel

In-Plane Switching

## Aspect Ratio

16:9

## Resolution

3840x2160

## Pixel Pitch

0.1816x0.1816 mm

## Dot / Pixel Per Inch

140 dpi

## View Angle (H / V)

178 / 178

## Response Time

4 ms (Extreme mode) / 6 ms (Typical mode) / 14 ms (Off mode)

## Color Support

1.07 Billion

## Refresh Rate

60 Hz

## Brightness

350 nits

## Contrast Ratio

1000:1

## Color Gamut

99% sRGB, 99% BT.709, 90% DCI-P3

## Curvature

None

## Anti-glare

Yes

## Video Connector

1x HDMI 2.0, 1x DP 1.2, 1x USB-C 3.2 Gen 1 (DP 1.2 Alt Mode)

## USB Port

3x USB 3.2 Gen 1 (1x BC 1.2)

## Camera

ThinkVision MC 50 Support

## Microphone

None

## Speakers

None

## Power Consumption (Typical / Maximum)

36W / 186W

## Power Adapter

Integrated

## Stand

Tilt, Swivel, Height Adjust Stand

## Color

Raven Black

## Side Bezel Width

2 mm

## Dimensions with Stand (HxWxD)

604.4x714.6x235 mm / 23.8x28.13x9.25 inches

## Weight (Including Stand)

10.21 kg / 22.51 lbs.

## Cables Included

USB Type-C to Type-C cable, USB Type-A to Type-B cable

## Environmental Certification

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

## Ergonomic Certification

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 / Controller

None / None / None

## Display Ram / Storage / Card Slot

None / None / None

## EAN / UPC / JAN

0194778267885 / 194778267885 / None

## Announce Date

2020-06-30

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# ThinkVision P32p-20

## DISPLAY

**Panel Size**  
31.5-inch

**Screen Dimensions**  
697.31 mm x 392.23 mm

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

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
3840 x 2160

**Pixel Pitch**  
0.1816 x 0.1816 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
140

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

**Response Time**  
4ms (extreme mode)  
6ms (normal mode)

**Refresh Rate**  
60 Hz

**Brightness (typical)**  
350 cd/m<sup>2</sup>

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

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

**Color Gamut**  
99% sRGB  
99% BT.709  
90% DCI-P3

**Color Support (typical)**  
1.07 Billion

**Color Depth**  
10-bit

**Processor LUT**  
14-bit

**Anti-glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x USB Type-C<sup>1</sup> Gen1 (DP1.2 Alt Mode)  
1 x HDMI 2.0  
1 x DP 1.2

**Audio Signal**  
1 x Audio Out (3.5 mm)

**USB Hub**  
Yes

**Ethernet**  
Yes (10M/100M/1000M)

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

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

## MULTI-MEDIA

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

## SPECIAL FEATURES

**Factory Calibration**  
Yes (Avg. Delta E<2)

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

**KVM Switch**  
Yes

## POWER

**Power Consumption (typ./max.)**  
36W / 186W

**Power Consumption Sleep/O Mode**  
< 0.5W

**Power Consumption Switch-o Mode**  
< 0.3W

**ENERGY STAR Power Consumption (P<sub>on</sub>/E<sub>TEC</sub>)**  
27W / 84kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
up to 90 W<sup>3</sup>

**Voltage Required**  
AC 100 to 240 V (50-60 Hz)

## MECHANICAL

**Tilt Angle (front/back)**  
-5° / 35°

**Swivel Angle (left/right)**  
+45° / -45°

**Lift (max. range)**  
135 mm

**Pivot**  
-90° / 90°

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

**ThinkCentre M Series Tiny support**  
Yes, by Tiny/Nano monitor clamp II (PN: 4XHOZ42451) & Tiny VESA mount II (PN: 4XFON03161)<sup>4</sup>

**ThinkCentre M Series Nano support**  
Yes, by Tiny/Nano monitor clamp II (PN: 4XHOZ42451) & Nano VESA mount (PN: 4XFOV81630)<sup>4</sup>

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (side)**  
2.0 mm

**Bezel Width (top/bottom)**  
2.0 / 24.1 mm

## DIMENSION

**Size Packed (D x H x W, mm/inch)**  
528 x 190 x 845 mm  
20.79 x 7.48 x 32.27 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)**  
235.0 x 469.4 x 714.6 mm  
9.25 x 18.48 x 28.13 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)**  
235.0 x 604.4 x 714.6 mm  
9.25 x 23.79 x 28.13 inches

**Size Unpacked w/o Stand (head only) (D x H x W, mm/inch)**  
714.6 x 426.0 x 51.0 mm  
28.13 x 16.77 x 2.01 inches

**Weight Packed (kg/lbs.)**  
13.30 kg/29.32 lbs.

**Weight Unpacked (kg/lbs.)**  
10.21 kg/22.51 lbs.

**Weight (monitor head only) (kg/lbs.)**  
6.96 kg/15.34 lbs.

## WHAT'S IN THE BOX

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

## CERTIFICATION

**ENERGY STAR**  
Yes

**CCC**  
Yes

**TCO**  
8.0

**TCO Edge**  
2.0

**EPEAT**  
Gold

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

**Windows Certification**  
Windows 7, Windows 10

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes



<sup>1</sup>USB Type-C\* and USB-C\* are registered trademarks of USB Implementers Forum.

<sup>2</sup>This software can only be used with Windows 10

<sup>3</sup>Up to 90W power delivery to compatible devices by USB Type-C. Listed as maximum capacity of power delivery. Actual capacity may vary depending upon devices connected or monitor configuration, and may decline with downstream USB ports connected or higher brightness setting.

<sup>4</sup>Accessories sold separately

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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