

# ThinkVision P40w-20 62C1GAR6AU

## Product

ThinkVision P40w-20

## Machine Type

62C1

## Region

APS

## Display Size

39.7"

## View Area

942.6x414.6 mm

## Panel

In-Plane Switching

## Aspect Ratio

21:9

## Resolution

5120x2160

## Pixel Pitch

0.1815x0.1815 mm

## Dot / Pixel Per Inch

140 dpi

## View Angle (H / V)

178 / 178

## Pixel Response Time

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

## Refresh Rate

75 Hz

## Brightness

300 nits

## Contrast Ratio

1000:1

## Color Gamut

99% sRGB, 98% DCI-P3

## Anti-glare

Yes

## Multiple Input

Thunderbolt 4, HDMI 2.0, DP 1.4

## USB Port

4x USB 3.2 Gen 1 Type-A, 1x USB-C 3.2 Gen 1, 1x Thunderbolt 4

## Camera

None

## Microphone

None

## Speaker

None

## Power Consumption (Typical / Maximum)

66W / 250W

## Power Adapter

Integrated

## Stand

Tilt, Swivel, Height Adjust Stand

## Color

Raven Black

## Side Bezel Width

2.0 mm

## Dimensions with Stand (HxWxD)

641.2x947.6x279.4 mm / 25.24x37.31x11 inches

## Weight (Including Stand)

20.0 kg / 44.1 lbs.

## Monitor cable

Thunderbolt 4 (40Gbps)

## ENERGY STAR

Yes

## TCO

TCO 8.0

## EPEAT

Gold

## TÜV Rheinland Low Blue Light

Low Blue Light

## TÜV Rheinland Eye Comfort

Yes

## TÜV Rheinland Eyesafe Display

Yes

## TÜV Rheinland Flicker Free

None

## Base Warranty

3-year

## Operating System Support

Support Windows 10

## Sync Technology

None

## Tiny Support / CPU / Platform

None / 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

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## Announce Date

2021-07-06



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# ThinkVision P40w-20

## DISPLAY

**Panel Size**  
39.7-inch

**Screen Dimensions**  
942.6 mm x 414.6 mm

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

**Active Area**  
929.3 mm x 392 mm

**Curvature**  
2500R

**Backlight**  
WLED

**Aspect Ratio**  
21:9

**Resolution**  
5120 x 2160

**Pixel Pitch**  
0.1815 x 0.1815 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**  
75 Hz<sup>6</sup>

**Brightness (Typical)**  
300 cd/m<sup>2</sup>

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

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

**Color Gamut**  
99% sRGB, 98% DCI-P3

**Color Support (Typical)**  
1.07 Billion

**Color Depth**  
10-bit

**HDR Compliance**  
Yes<sup>4</sup>

**Anti-glare**  
Yes

## SPECIAL FEATURES

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

**Software**  
Lenovo ThinkColour (Lenovo  
Display Control Center)<sup>1</sup>

**PIP/PBP**  
Yes

**KVM Switch**  
Yes

## CONNECTIVITY

**Video Signal**  
2 x Thunderbolt™ 4  
1 x HDMI 2.0  
1 x DP 1.4

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

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

**USB Hub**  
Yes

**USB Upstream**  
1 x USB 3.2 Gen 1<sup>8</sup>  
(1 by USB Type-B)  
1 x Thunderbolt™ 4

**USB Downstream**  
4 x USB 3.2 Gen 1 Type-A<sup>8</sup>  
1 x USB 3.2 Gen 1 Type-C<sup>8</sup>  
1 x Thunderbolt™ 4

## POWER

**Power Consumption (Typical / Max.)**  
66W / 250W

**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>)**  
53W/168kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery(W)**  
up to 27W<sup>3</sup>

**TBT Power Delivery (W)**  
Yes (Up to 100W<sup>3</sup>)

**Smart Power**  
Yes

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

## MECHANICAL

**Tilt Angle (Front / Back)**  
-5° / 22°

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

**Lift (Max. Range)**  
130 mm

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

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (Side)**  
2.0 mm

**Bezel Width (Top / Bottom)**  
2.0 / 23.0 mm

## DIMENSIONS

**Size Packed (D x H x W, mm/inch)**  
275.0 x 526.0 x 1085.0 mm  
10.82 x 20.70 x 42.71 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (Lowest Position)**  
279.4 x 511.2 x 947.6 mm  
11.00 x 20.12 x 37.30 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (Highest Position)**  
279.4 x 641.2 x 947.6 mm  
11.00 x 25.24 x 37.30 inches

**Size Unpacked w/o Stand (Head Only) (D x H x W, mm/inch)**  
100.8 x 428.7 x 947.6 mm  
3.96 x 16.88 x 37.30 inches

**Weight Packed (kg / lbs.)**  
20.0 kg / 44.1 lbs.

**Weight Unpacked (kg / lbs.)**  
14.6 kg / 32.2 lbs.

**Weight (Monitor Head Only) (kg / lbs.)**  
9.9 kg / 21.9 lbs.

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8 m)  
1 x Thunderbolt™ 4 cable (40 Gbps)  
Quick setup guide  
Factory calibration report

## CERTIFICATION

**ENERGY STAR Certification**  
Yes

**CCC**  
Yes

**TCO**  
8.0

**TCO Edge**  
2.0

**EPEAT**  
Gold

**RoHS (EU 2011/65/EC)**  
Yes

**Windows Certification**  
Windows 10

**China Energy Efficiency Standard**  
Tier 2

**TÜV Rheinland Eye Comfort**  
Yes

**TÜV Rheinland Low Blue Light**  
Yes

**TÜV Rheinland Flicker Free**  
Yes

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

**Eyesafe Display Certification**  
Yes



<sup>1</sup>This software can only be used with Windows 10. <sup>2</sup>USB Type-C and USB-C are registered trademarks of USB Implementers Forum. <sup>3</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. <sup>4</sup>HDR10 only. <sup>5</sup>True Split is available with Thunderbolt™ or DisplayPort™ connection in Windows only. <sup>6</sup>Thunderbolt™ and DisplayPort™ only. <sup>7</sup>eKVM functionality may vary if using a different brand of mouse. <sup>8</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 Gen2x2.

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Specifications may vary depending upon region.

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