

# ThinkVision P27u-20 62CBRAT6EU

## Product

ThinkVision P27u-20

## Machine Type

62CB

## Region

EMEA

## Display Size

27"

## View Area

596.7x335.7 mm

## Panel

In-Plane Switching

## Aspect Ratio

16:9

## Resolution

3840x2160

## Pixel Pitch

0.1554x0.1554 mm

## Dot / Pixel Per Inch

163 dpi

## View Angle (H / V)

178 / 178

## Response Time

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

## Color Support

1.07 Billion

## Refresh Rate

60 Hz

## Brightness

450 nits

## Contrast Ratio

1000:1

## Color Gamut

99.5% Adobe RGB, 99.1% DCI-P3, 100% sRGB, 100% BT.709, 83.7% BT.2020

## Curvature

None

## Anti-glare

Yes

## Video Connector

Thunderbolt-in, Thunderbolt-out, 2xHDMI, DP

## USB Port

3 x USB 3.2 Gen 1 (1 BC 1.2), 1 x USB Type-C (Data & Power Delivery)

## Camera

ThinkVision MC 50 Support

## Microphone

None

## Speakers

2x 3W, Optional soundbar support

## Power Consumption (Typical / Maximum)

35W / 240W

## Power Adapter

Integrated

## Stand

Tilt, Swivel, Pivot, Height Adjust Stand

## Color

Raven Black

## Side Bezel Width

2 mm

## Dimensions with Stand (HxWxD)

556.4x613.8x219.9 mm / 21.90x24.16x8.66 inches

## Weight (Including Stand)

8 kg / 17.6 lbs.

## Cables Included

USB Type-C to Type-A cable, Thunderbolt 4 cable

## Environmental Certification

Energy Star Certified, TCO 9.0, 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 / Battery

None / None / None

## Display Ram / Storage / Card Slot

None / None / None

## EAN / UPC / JAN

0195713542999 / 195713542999 / None

## Announce Date

2021-09-11

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# ThinkVision P27u-20

## DISPLAY

**Panel Size**  
27-inch

**Screen Dimensions (W x H, mm)**  
608.8 mm x 355.3 mm

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

**Active Area**  
596.7 mm x 335.7 mm

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
3840 x 2160

**Pixel Pitch**  
0.1554 mm x 0.1554 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
163

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

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

**Refresh Rate**  
60 Hz

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

**Brightness (Peak)**  
450 cd/m<sup>2</sup>

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

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

**Color Gamut**  
99.5% Adobe RGB (CIE 1931)  
99.1% DCI-P3 (CIE 1976)  
100% sRGB (CIE 1976)  
100% BT.709 (CIE 1976)  
83.7% BT.2020 (CIE 1976)

**Color Support (Typical)**  
1.07 Billion

**Color Depth**  
10-bit (8+FRC)

**HDR Compliance**  
Yes (DisplayHDR™ 400)

**Anti-glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x Thunderbolt™ 4 In  
1 x Thunderbolt™ 4 Out  
2 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 USB3.2 Gen1<sup>1</sup> (1 by USB Type-B,  
1 by Thunderbolt™ 4)

**USB Downstream**  
3 x USB3.1 Gen1<sup>1</sup>  
1 x USB Type-C (Data & Power Delivery)

## MULTI-MEDIA

**Integrated Speakers**  
Yes (2 x 3W)

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

## SPECIAL FEATURES

**Factory Calibration**  
Yes (Avg. Delta E < 1)

**KVM Switch**  
Yes

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

**Smart Sensor**  
Yes (Smart Light)

**Others**  
Shading Hood<sup>3</sup>

## POWER

**Power Consumption (Typ. / Max.)**  
35W / 240W

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

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

**ENERGY STAR Power Consumption  
(Pon/ETEC)**  
26W / 97kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
Up to 27W<sup>4</sup>

**TBT Power Delivery (W)**  
Yes (Up to 100W)

**Smart Power**  
Yes

**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 Monitor Clamp II  
(PN: 4XHOZ42451)<sup>3</sup> & Tiny VESA  
Mount II (PN: 4XFON03161)<sup>3</sup>

**ThinkCentre M Series Nano Support**  
Yes, by Nano Monitor Clamp II  
(PN: 4XHOZ42451)<sup>3</sup> & Nano VESA  
Mount (PN: 4XFOV81630)<sup>3</sup>

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (Side)**  
2.0 mm

**Bezel Width (Top / Bottom)**  
2.0 / 23.6 mm

## DIMENSIONS

**Size Packed (D x H x W) (mm/inch)**  
187.0 x 510.0 x 732.0 mm  
7.36 x 20.08 x 28.82 inches

**Size Unpacked w/ Stand (D x H x W)  
(mm/inch) (Lowest Position)**  
219.9 x 421.4 x 613.8 mm  
8.66 x 16.59 x 24.16 inches

**Size Unpacked w/ Stand (D x H x W)  
(mm/inch) (Highest Position)**  
219.9 x 556.4 x 613.8 mm  
8.66 x 21.90 x 24.16 inches

**Size Unpacked w/o Stand (Head Only)  
(D x H x W) (mm/inch)**  
52.9 x 368.8 x 613.8 mm  
2.08 x 14.52 x 24.16 inches

**Weight Packed (kg / lbs.)**  
12.8 kg / 28.1 lbs.

**Weight Unpacked (kg / lbs.)**  
8.0 kg / 17.6 lbs.

**Weight (Monitor Head Only) (kg / lbs.)**  
5.4 kg / 11.9 lbs.

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8m)  
1 x DP cable (1.8m) for US & Canada only<sup>5</sup>  
1 x HDMI cable (1.8m) for PRC SA only<sup>5</sup>  
1 x USB Type-B to Type-A cable (1.8m)<sup>5</sup>  
1 x Thunderbolt™ 4 cable (1.0m, 40 Gbps)  
Factory calibration report  
Quick setup guide

## CERTIFICATION

**ENERGY STAR Certification**  
Yes

**CCC**  
Yes

**TCO**  
9.0

**EPEAT**  
Gold

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

**Windows Certification**  
Windows 7, Windows 10

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes



<sup>1</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.

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

<sup>3</sup> Sold separately.

<sup>4</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>5</sup> Optional.

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