

ThinkVision P27u-20 62CBRAR6US

Product

ThinkVision P27u-20

Machine Type

62CB

Region

LA, NA

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

Pixel Response Time

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

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

Anti-glare

Yes

Multiple Input

Thunderbolt, HDMI, DP

USB Port

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

Camera

None

Microphone

None

Speaker

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.

Monitor cable

DP cable for US & Canada only, USB Type-C to Type-A, Thunderbolt 4

ENERGY STAR

Yes

TCO

TCO 8.0

EPEAT

Gold

TÜV Rheinland Low Blue Light

None

TÜV Rheinland Eye Comfort

Yes

TÜV Rheinland Eyesafe Display

None

TÜV Rheinland Flicker Free

None

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

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Announce Date

2021-09-11



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ThinkVision P27u-20

DISPLAY

Panel Size	1.07 Billion
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°
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Response Time	4ms (Extreme Mode), 6ms (Normal Mode)
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Refresh Rate	60 Hz
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Brightness (Typical)	400 cd/m ²
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Brightness (Peak)	450 cd/m ²
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Contrast Ratio (Typical)	1000:1
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Dynamic Contrast Ratio (Typical)	3M:1
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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)
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COLOR SUPPORT (TYPICAL)

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 ¹ (1 by USB Type-B, 1 by Thunderbolt™ 4)
USB Downstream	3 x USB3.2 Gen1 ¹ (1 x BC1.2) 1 x USB Type-C (Data & Power Delivery)

MULTI-MEDIA

Integrated Speakers	Yes (2 x 3W)
Optional Soundbar Support	Yes (PN number: 0A36190)

SPECIAL FEATURES

FACTORY CALIBRATION

Yes (Avg. Delta E<1)

KVM SWITCH

Yes

SOFTWARE

Lenovo ThinkColour (Lenovo Display Control Center)²

SMART SENSOR

Yes (Smart Light)

OTHERS

Headset Rack
Shading Hood³

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 27W⁴

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)⁵ & Tiny VESA Mount II (PN: 4XFON03161)⁵

THINKCENTRE M SERIES NANO SUPPORT

Yes, by Nano Monitor Clamp II (PN: 4XHOZ42451)⁵ & Nano VESA Mount (PN: 4XFOV81630)⁵

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.)
5.5 kg / 12.0 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	
1 x USB Type-C to Type-A cable (1.8m)	
1 x Thunderbolt™ 4 cable (1.0m, 40 Gbps)	
Factory calibration report	
Quick setup guide	

CERTIFICATION

ENERGY STAR CERTIFICATION

Yes

CCC

Yes

TCO

8.0

TCO Edge

2.0

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



¹ 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.

² This software can only be used with Windows 10.

³ Sold separately.

⁴ 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.

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