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/m²

Brightness (Peak)
450 cd/m²

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[1] (1 by USB Type-B,
1 by Thunderbolt™ 4)

USB Downstream
3 x USB3.1 Gen1[1]
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
Shading Hood[3]

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[4]

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)[3] & Tiny VESA
Mount II (PN: 4XF0N03161)[3]

ThinkCentre M Series Nano Support
Yes, by Nano Monitor Clamp II
(PN: 4XHOZ42451)[3] & Nano VESA
Mount (PN: 4XF0V81630)[3]

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[5]
1 x HDMI cable (1.8m) for PRC SA only[5]
1 x USB Type-B to Type-A cable (1.8m)[5]
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