Think Vision 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)

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)

Color Gamut

5 Optional.

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

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 Gen11 (1 by USB Type-B. 1 by Thunderbolt™ 4)

USB Downstream

3 x USB3.1 Gen11

1 x USB Type-C (Data & Power Delivery)

MUI TI-MFDIA

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 Support3

POWFR

Power Consumption (Typ. / Max.)

35W / 240W

Power Consumption Sleep/Off Mode

< 0.5 W

Power Consumption Switch-off Mode

< 0.3 W

ENERGY STAR Power Consumption (Pon/ETEC)

26W / 97kWh

Power Supply

Internal

USB Type-C Power Delivery (W) Up to 27W4

TBT Power Delivery (W)

Smart Power

Yes

Voltage Required

Yes (Up to 100W)

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: 4XFONO3161)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

Bezel Color

Raven Black

Bezel Width (Side) 2.0 mm

Bezel Width (Top / Bottom)

20 / 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

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

8.66 x 16.59 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 only⁵

1 x HDMI cable (1.8m) for PRC SA only⁵

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

CCC Yes

TCO 9.0

FPFAT Gold

RoHS (2011/65/EU)

Windows Certification Windows 7, Windows 10

China Energy Efficiency Standard

TÜV Rheinland Eye Comfort









Specifications may vary depending upon region.

© 2022 Lenovo. All rights reserved. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, U.S.A, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, ThinkVision, and ThinkColour are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/ or other countries. Other company, product, and service names may be trademarks or service marks of others.

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

² This software can only be used with Windows 10.

³ To be ordered optionally with the monitor. 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.