

# ThinkVision P27h-20 Monitor

## Specifications

### DISPLAY

**Panel Size**  
27-inch

**Screen Dimensions**  
596.74 mm x 335.66 mm

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

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
2560 x 1440

**Pixel Pitch**  
0.2331 x 0.2331 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
109

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

**Response Time**  
4ms (extreme mode)  
6ms (normal mode)

**Refresh Rate**  
60 Hz

**Brightness (typical)**  
350 cd/m<sup>2</sup>

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

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

**Color Gamut**  
99% sRGB,  
99% BT.709,  
85% DCI-P3

**Color Support (typical)**  
16.7 Million

**Processor LUT**  
8-bit

**Anti-glare**  
Yes

### CONNECTIVITY

**Video Signal**  
1 x USB Type-C Gen1 (DP1.2 Alt Mode)  
1 x HDMI 1.4  
1 x DP 1.2  
1 x DP 1.2 (Out)

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

**USB Hub**  
Yes

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

**USB Upstream**  
1 x USB 3.1 Gen1 (by USB Type-C Gen1)

**USB Downstream**  
4 x USB 3.1 Gen1 (1 x BC1.2)

### MULTI-MEDIA

**Integrated Speakers**  
Yes (2 x 1W)

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

### SPECIAL FEATURES

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

### POWER

**Power Consumption (typ./max.)**  
27W / 150W

**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>)**  
19W / 61kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
up to 90 W\*

**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)

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (side)**  
2.0 mm

**Bezel Width (top/bottom)**  
2.0 / 2.0 mm

### DIMENSION

**Size Packed (D x H x W, mm/inch)**  
182 x 463 x 722 mm  
7.17 x 18.23 x 28.43 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)**  
208 x 441.5 x 613.8 mm  
8.19 x 17.38 x 27.17 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)**  
208 x 576.5 x 613.8 mm  
8.19 x 22.70 x 27.17 inches

**Size Unpacked w/o Stand (head only) (D x H x W, mm/inch)**  
46.9 x 353.8 x 613.8 mm  
1.85 x 13.92 x 27.17 inches

**Min. Distance from Table to Panel (lowest pixel at bottom of screen, mm)**  
97.3 mm

**Max. Distance from Table to Panel (highest pixel at top of screen, mm)**  
567.9 mm

**Weight Packed (kg/lbs.)**  
9.55 kg / 21.01 lbs.

**Weight Unpacked (kg/lbs.)**  
7.35 kg / 16.17 lbs.

**Weight (monitor head only) (kg/lbs.)**  
4.87 kg / 10.71 lbs.

**Full Container Load (40' STD / 20' STD)**  
792 / 352 units

### WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8 m)  
1 x DP cable (1.8 m) (NA only)  
1 x USB Type-C to Type-C cable (1.8 m)  
1 x USB Type-C to Type-A cable (1.8 m) (NA only)  
Factory calibration report  
Quick setup guide

### CERTIFICATION

**ENERGY STAR Rating**  
8.0

**CCC**  
Yes

**TCO**  
8.0

**TCO Edge**  
2.0

**EPEAT**  
Silver

**RoHS (EU 2002/95/EC)**  
Yes

**Windows Certification**  
Windows 7, Windows 10

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes



\*Listed as maximum capacity of power delivery. Actual capacity may vary depending upon devices connected or monitor configuration, and may decline with downstream USB ports connected or higher brightness setting.

\*\*The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device. Get up to 90 W\* of power delivery through the USB Type-C cable with the Smart Power function.