

# ThinkVision P40w

## BE WIDE OPEN TO SUCCESS.



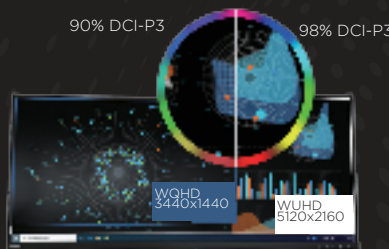
**World's first Thunderbolt™ 4 professional monitor to support Intel® Active Management Technology for Intel vPro® clients.**

Offering a stunning visual experience, the ThinkVision P40w-20 allows you to be more productive every day. The 39.7-inch large screen real estate and wide viewing angle make content creation and consumption exceptional. 21:9 screen featured expansive 5120 x 2160 WUHD resolution provides an extraordinary user experience when tracking market updates or comparing long-form legal contracts. Depend on consistent, reliable, true-to-life colors from any viewing angle, thanks to its In-Plane Switching panel professional display that reproduces color to 98% DCI-P3 and has factory calibrated color with  $\Delta E < 2$  variance. Its versatile connectivity ports expand your device capabilities by enabling easy connection to other peripherals. The ThinkVision P40w-20 is a Thunderbolt™ 4 Hub Monitor offering a one-cable solution for charging devices, ethernet, quick data transfer, audio and video output. Packed with advanced Lenovo patented features (eKVM<sup>7</sup>, True Split<sup>5</sup>), this display is your perfect canvas to increase productivity.

Lenovo



### FEATURES OF THINKVISION P40w-20



#### Big on multitasking. Great at detail.

The eye-catching 21:9 aspect ratio lets you multitask with ease without bezels getting in the way. The 39.7-inch, 5120 x 2160 WUHD resolution professional display is splendid in both style and visual impact. 2500R curvature wraps around you, filling more of your field of view to remove distractions and let you immerse yourself in the latest market movements. 98% DCI-P3 color gamut, 1.07 billion color depth and 99% sRGB performance is factory-calibrated at  $\Delta E < 2$ . Even at wide angles the In-Plane Switching panel technology gives you faultless images with no color distortion. While preserving the natural hues of colors, Natural Low Blue Light technology would reduce harmful high-energy blue rays.



#### One hub to master your workflow

P40w-20, with up to 12 ports is the ideal hub to connect and power whatever mission-critical devices you need with ease. Lenovo patented technology would boost your working efficiency. eKVM<sup>7</sup>, gives you instant access over two PC sources with a 2-button click of your mouse. True Split<sup>5</sup>, another Lenovo patent, lets you view 2 sources simultaneously through PbP with just 1 cable. Industry-leading single Thunderbolt™ 4 cable solution can deliver up to 40 Gbps of data plus video, network communications and deliver up to 100W<sup>3</sup> through Smart Power technology, also allow you to daisy chain, a second monitor in either 5K or 2K at up to 75 Hz. P40w-20 uses ThinkVision's proprietary ThinkColour<sup>1</sup> software to boost your productivity by letting you switch instantly between color gamut modes, brightness, contrast and more, depending on your mission needs, with a simple click of the mouse controlling the OSD.



#### Secure network deployment

P40w-20 is the first wave Intel® AMT Capable Thunderbolt™ 4 monitor. With Intel® Active Management technology, whether you're working from home or your global headquarters is running security patches in your office, through its Gigabit RJ45 port, the monitor enables a stable, secure connection. And it's always easy to see the status of connection right on the screen with another industry-first: LAN on ThinkColour<sup>1</sup>. Managing your computer fleet is efficient and convenient, as the monitor supports: MAC address pass-through, PXE boot, Wake-on-LAN power modes: S3 (Sleep mode), S4 (Hibernate) and S5 (PC power off, monitor standby). In addition, this professional monitor, certificated with EPEAT Gold-level and conveyed with paper green package, sincerely commits to environment protection.

# ThinkVision P40w-20

## DISPLAY

**Panel Size**  
39.7-inch

**Screen Dimensions**  
942.6 mm x 414.6 mm

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

**Active Area**  
929.3 mm x 392 mm

**Curvature**  
2500R

**Backlight**  
WLED

**Aspect Ratio**  
21:9

**Resolution**  
5120 x 2160

**Pixel Pitch**  
0.1815 x 0.1815 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
140

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

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

**Refresh Rate**  
75 Hz<sup>6</sup>

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

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

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

**Color Gamut**  
99% sRGB, 98% DCI-P3

**Color Support (Typical)**  
1.07 Billion

**Color Depth**  
10-bit

**HDR Compliance**  
Yes<sup>4</sup>

**Anti-glare**  
Yes

## SPECIAL FEATURES

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

**Software**  
Lenovo ThinkColour (Lenovo  
Display Control Center)<sup>1</sup>

**PIP/PBP**  
Yes

**KVM Switch**  
Yes

## CONNECTIVITY

**Video Signal**  
2 x Thunderbolt™ 4  
1 x HDMI 2.0  
1 x DP 1.4

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

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

**USB Hub**  
Yes

**USB Upstream**  
1 x USB 3.2 Gen 1<sup>8</sup>  
(1 by USB Type-B)  
1 x Thunderbolt™ 4

**USB Downstream**  
4 x USB 3.2 Gen 1 Type-A<sup>8</sup>  
1 x USB 3.2 Gen 1 Type-C<sup>8</sup>  
1 x Thunderbolt™ 4

## POWER

**Power Consumption (Typical / Max.)**  
66W / 250W

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

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

**ENERGY STAR Power Consumption (P<sub>off</sub>/E<sub>TEC</sub>)**  
53W/168kWh

**Power Supply**  
Internal

**USB Type-C Power Delivery (W)**  
up to 27W<sup>3</sup>

**TBT Power Delivery (W)**  
Yes (Up to 100W<sup>3</sup>)

**Smart Power**  
Yes

**Voltage Required**  
AC 100 to 240 V  
(50—60 Hz)

## MECHANICAL

**Tilt Angle (Front / Back)**  
-5° / 22°

**Swivel Angle (Left / Right)**  
-45° / 45°

**Lift (Max. Range)**  
130 mm

**VESA Mount Capability**  
Yes (100 x 100 mm &  
200 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 / 23.0 mm

## DIMENSIONS

**Size Packed (D x H x W, mm/inch)**  
275.0 x 526.0 x 1085.0 mm  
10.82 x 20.70 x 42.71 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (Lowest Position)**  
279.4 x 511.2 x 947.6 mm  
11.00 x 20.12 x 37.30 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (Highest Position)**  
279.4 x 641.2 x 947.6 mm  
11.00 x 25.24 x 37.30 inches

**Size Unpacked w/o Stand (Head Only) (D x H x W, mm/inch)**  
100.8 x 428.7 x 947.6 mm  
3.96 x 16.88 x 37.30 inches

**Weight Packed (kg / lbs.)**  
20.0 kg / 44.1 lbs.

**Weight Unpacked (kg / lbs.)**  
14.6 kg / 32.2 lbs.

**Weight (Monitor Head Only) (kg / lbs.)**  
9.9 kg / 21.9 lbs.

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8 m)  
1 x Thunderbolt™ 4 cable (40 Gbps)  
Quick setup guide  
Factory calibration report

## CERTIFICATION

**ENERGY STAR Certification**  
Yes

**CCC**  
Yes

**TCO**  
9.0

**EPEAT**  
Gold

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

**Windows Certification**  
Windows 10

**China Energy Efficiency Standard**  
Tier 2

**TÜV Rheinland Eye Comfort**  
Yes

**TÜV Rheinland Low Blue Light**  
Yes

**TÜV Rheinland Flicker Free**  
Yes

**TÜV Low Blue Light (Hardware Solution)**  
Yes

**Eyesafe Display Certification**  
Yes



<sup>1</sup>This software can only be used with Windows 10. <sup>2</sup>USB Type-C and USB-C are registered trademarks of USB Implementers Forum. <sup>3</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>4</sup>HDR10 only. <sup>5</sup>True Split is available with Thunderbolt™ or DisplayPort™ connection in Windows only. <sup>6</sup>Thunderbolt™ and DisplayPort™ only. <sup>7</sup>eKVM functionality may vary if using a different brand of mouse. <sup>8</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.

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Specifications may vary depending upon region.