

ThinkVision P40w

BE WIDE OPEN TO SUCCESS.



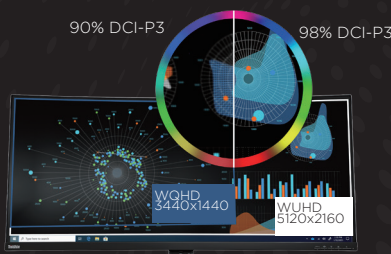
World's first Thunderbolt™ 4 professional monitor to support Intel® Active Management Technology for Intel vPro® clients.

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 (eKVM⁷, True Split⁵), this display is your perfect canvas to increase productivity.

Lenovo

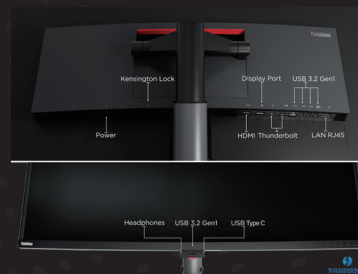


FEATURES OF THINKVISION P40w-20



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. eKVM⁷, gives you instant access over two PC sources with a 2-button click of your mouse. True Split⁵, 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 100W² 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 ThinkColour¹ 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 ThinkColour¹. 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 Hz⁶

Brightness (Typical)

300 cd/m²

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

Yes⁴

Anti-glare

Yes

SPECIAL FEATURES

Factory Calibration

Yes (Avg. Delta E<2)

Software

Lenovo ThinkColour (Lenovo
Display Control Center)¹

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 1⁸
(1 by USB Type-B)
1 x Thunderbolt™ 4

USB Downstream

4 x USB 3.2 Gen 1 Type-A⁸
1 x USB 3.2 Gen 1 Type-C⁸
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_{off}/E_{TEC})

53W/168kWh

Power Supply

Internal

USB Type-C Power Delivery (W)

up to 27W³

TBT Power Delivery (W)

Yes (Up to 100W³)

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

8.0

TCO Edge

2.0

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



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