Enhancing Employee Experience with Premium Smarter Display Solutions for Modern Professionals
THE CHANGING LANDSCAPE AND THE MODERN WORKFORCE

The whole world is changing. Almost everything we know about work and what we held to be covenant has been replaced abruptly and permanently. The old ways of working have been proven to be replaceable with a loose, decentralized, and even more productive system.

Fluidity is here to stay and there is no point in trying to stick to a rigid 9 to 5 system and this includes the often-time-consuming commute to and from work. Fluid working also greatly reduces this time wasted and makes it possible to be productive, when working, regardless the location.

Workplace demographics and the way people approach work is also changing, so technology should naturally fit this new fluidity.

Top Tip from ThinkVision:
Employers and business owners want to offer better experiences at work, but it cannot be just surface-level. Adding a rec room with a foosball table and beanbags is not the answer.

Changes need to positively affect the very nature of how work is done.

80% will turn down a new job offer\(^1\) if there is no space for flexible working

Flexible workplaces\(^2\) can experience up to 85% increase in business productivity
THE CHANGING LANDSCAPE AND THE MODERN WORKFORCE

The current global workforce is perhaps one of the most generationally diverse ever. Most workplaces now have people who started before technology became commonplace, a generation that grew up with technology, and one born into a world run on advanced tech.

All three groups rely on technology in their everyday lives, and it is only natural that they expect the same from their workplace. Flexible working, collaboration, and remote working come naturally to them, so employers have no choice but to offer these at work.

Flexibility is so important that nearly half of workforce¹ is willing to forgo “corner office” promotions for it.

Top Tip from ThinkVision:
Empowering your employees to work from anywhere and in a flexible manner also has the added advantage of keeping your business highly productive and agile.

Why the modern workforce prefers² flexible working:

- 48% save money on work-related expenses
- 46% enjoy skipping the commute
- 44% like the flexibility in personal life

¹https://hbr.org/2016/05/what-millennials-want-from-a-new-job
HOW TO ENGAGE THE MODERN WORKFORCE?

How then can you as an employer offer the best experiences and empower flexible working?

It is possible to achieve great Employee Experience (EX) with the right tools; ones that match employees’ professional needs. Monitors is one such tool that can make a lot of difference in work output.

You can make significant improvements in EX with the right monitors that cater to your workforce’s main asks. A person in a clerical role will not have the asks from a monitor as a graphic designer; being aware of these requirements allows you to make the right decisions.

There is a wide-spread need to upgrade and re-invest in the latest in display technology

Outdated monitors are unlikely to be color-accurate, can strain the eyes, not have ergonomics, and not have modern connectivity options. All of which are good reasons to take that step and upgrade.

ThinkVision monitors are more than just an interface between user and computer. They are built with advanced technology, top-of-the-line panels, and a design philosophy that puts people first. They can also be the hub of your desktop and take both employee experience and business agility to the next level.
Obstacles to flexible working employees face with monitors everyday

Unsecured networks, vulnerable WiFi and slow connections

Complex set up processes require professional tech support

Low-res screens, not color accurate, and outdated panel tech

Messy desks, too many cables connecting peripherals

High energy consumption, not environmentally responsible

Bulky monitors take up too much desk space

Unable to effectively multitask or extend screens

Eye and physical strain is high, considering time spent in front of monitors

Difficult color calibration settings through OSD

CHALLENGES IN THE MODERN WORKPLACE

The change in workplace is already here and it behooves businesses to get on track. The first step is understanding what the end users, your employees, want based on their job roles.

Here are some of the pain points that need to be addressed in terms of monitors that users experience with their current setup. All of them are solvable and assure higher EX when they are.

60% employees are not satisfied with their experiences at work

1Lenovo SMB Study commissioned with Forrester Research - July 2019
WHY THINKVISION P SERIES MONITORS: 
WHAT WE OFFER

- Clutter-free desktop hub
- Secure network access
- Simplified screen extensions
- Modern aesthetic design
- Easy tool-less setup
- Exceptional color and display performance
- Intelligent power management
- Healthy work environment
- Supports easy flexible working and has a modern design aesthetic
- Maximized ease of use, connectivity and productivity
- Responsible and sustainable tech
- Made for the modern professional
- Software-based advanced display settings
- Easy and customizable display management
SOLVES MINOR IT SUPPORT PROBLEMS:

Clutter-free Desktop Hub

A messy desk is a common problem, whether in office or when working remotely. It increases stress and interferes with focus and the ability to process information quickly and up to one hour of productivity is lost because of a cluttered desk every day, on average.

One of the biggest reasons for desk clutter in a workspace is cables and other peripherals that are essential and cannot be done without.

ThinkVision USB-C Hub Monitors are designed to be the center of your workspace and maximize your productivity, while at the same time keeping your desktop clean and tidy.

Being a universal converter, it takes different signals—network, video, audio, power, data—converting to USB signals and transferring them all simultaneously via USB-C so there is only one out-cable coming from the monitor to the laptop.

This allows the desk to be free of wires, reducing clutter.

A dedicated smart chip built into hub monitors manages all high-speed signal transfers in real time. Hub monitors carry wide range of ports include USB-A, USB-C, Ethernet, video, and audio for maximized connectivity. Connect your compatible smart device—laptop or smartphone—to ThinkVision USB-C hub monitors with one cable and enjoy secure network, high-quality visual-audio experience, and fast data-transfer between all connected devices.
SOLVES MINOR IT SUPPORT PROBLEMS:

Secure Network Access

Flexible working brings with it several issues in terms of data, network security, and remote IT management. By having people work from different locations and times, the office security umbrella gets bigger and more difficult to manage. Hardline Ethernet connections are more secure\(^1\) than WiFi.

The issue, however, is that most modern laptops do not have Ethernet connectors, thin and light systems do not have the space. Even if laptops have Ethernet ports, they add to cable clutter—one more cable that can be eliminated.

Having a hardline connection to the internet is now possible through select P Series monitors that carry both Ethernet-in and USB-C ports. A smart chip within the monitor serves as a converter that passes network signal through USB-C. A single cable will carry, secure, high-speed up to 1 Gbps\(^2\) Internet, 3.3 times faster than WiFi\(^3\) Internet.

ThinkVision USB-C Hub monitors with Ethernet-transfer-capability can also help IT managers provide better remote IT support for your employees.

Learn more about the benefits for IT managers

\(^1\) https://www.lifewire.com/wifi-vs-ethernet-which-one-should-you-use-4944458
\(^2\) Based on the IEEE 802 LAN/MAN Standards Committee, IEEE Std 802.3 Working Group
\(^3\) Based on IEEE 802.11ac, a wireless networking standard in the 802.11 set of protocols.
Solves Minor IT Support Problems:

Simplified Screen Extensions

Select P Series monitors have USB-C ports that allow for easy daisy-chaining. Through a single USB Type-C cable, users can connect up to two 4K displays for ultimate clarity, especially film editors and graphic designers. UHD 4K puts out the best in color accuracy and details, so having them side-by-side and without any desk clutter can be invaluable for creatives.

The 4-side NearEdgeless design in certain models make it possible for setting up multi-monitor displays seamlessly, and in any required orientation.

Some models in this range alternatively have daisy-chaining support powered by DisplayPort connectors. DP daisy chains are set up using one connector between a laptop and a display and one cable between the two monitors, even if the two monitors are of different resolutions.¹ DP-based daisy chains require the upstream laptop to also have a DP port.

<table>
<thead>
<tr>
<th>Resolution</th>
<th>USB-C/Thunderbolt daisy chain capability</th>
<th>DP daisy chain capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHD</td>
<td>P32u-10 (TBT)</td>
<td></td>
</tr>
<tr>
<td>QHD</td>
<td>P27h-20 (4-side NearEdgeless) P24h-20</td>
<td>P27q-20 (4-side NearEdgeless) P24q-20</td>
</tr>
</tbody>
</table>

¹ https://www.displayport.org/guides/cables/driving-multiple-displays-from-a-single-displayport-output/#:~:text=%E2%80%9CDaisy%20chaining%E2%80%9D%20is%20a%20term,to%20the%20next%20downstream%20display.
SUPPORTS FLEXIBLE WORKING:

Modern Design Aesthetic

P Series monitors are made for the modern workforce and its practical, minimalist, space-saving design philosophy reflects this perfectly. ThinkVision P Series monitors not only offer great viewing experiences; they are also great to just look at.

Bulky, heavy monitors hamper flexible working as they take up too much desk space and are difficult to set up. Outdated monitors also have ports that are hard to reach and are not suitable for any multitasking efforts with thick bezels.

The new crop of P Series monitors maintain the ThinkVision design language, but improvements are made to enhance ease-of-use. Featuring a minimal square base with a smartphone holder and flexible cable management help de-clutter users’ desktop.

They are also slim and lightweight, blending into modern workspaces. NearEdgeless bezels ensure multi-monitor setups are more effective and the VESA mount compatibility¹ offer the opportunity to move the monitor completely off the desk.

Sold separately PN: 78011488
Sold separately PN: 4XF0N82412

P Series monitors are also ThinkCentre M Series Tiny and Nano desktop PC compatible. Using the ThinkCentre Tiny/Nano Monitor Clamp II² they can be placed behind the monitor and out of the way.
SUPPORTS FLEXIBLE WORKING:

Easy Tool-less Setup

Setting up a monitor for the first time need not be difficult or complicated. It is a fact that not every workplace will have an IT team or technical support onsite and setting up desktops tend to be something that does not come easy to many. It is an even bigger point of contention for remote workers who must set everything up on their own.

Purpose built to be easy to setup with minimal hardware knowledge, its tool-less design means just about any one can take the monitor out of the box and install it with ease.

Available on:
- ThinkVision P32p-20
- ThinkVision P27h-20
- ThinkVision P24h-20
- ThinkVision P27q-20/P24q-20
- ThinkVision P44w-10

P Series monitors are made in a tool-less, complication-free design, and the monitors bear the Think name brand, so they are guaranteed to be sturdy and built to last. All the monitors pass Lenovo standard quality tests for build and ergonomics.
MADE FOR THE MODERN PROFESSIONAL:

Exceptional Color and Display Performance

ThinkVision P Series monitors bring first-class display quality and exceptional performance to the workplace. The range is divided by screen size (24 inches to 44 inches), resolution (FHD to 4K UHD) and aspect ratio (16:9 to 32:10). Within the P series, there is a monitor suited for every professional, from analysts and data managers to creatives like graphic designers and editors.

Learn more about resolution
Learn more about color depth
Learn more about color coverage and accuracy

Standardized color performance is in-built on ThinkVision P Series monitors. Select monitors in this range are rated for 10-bit color depth and categorized as Deep Color, they can display 1.07 billion colors with true-to-life accuracy.

Pre-calibrated from the factory and accurate to average ΔE<2 (the lower the average ΔE, the closer it is to real life color hue), it helps industrial and graphic designers and editors work on color-critical tasks.

Color spaces and their uses

- **sRGB**
  - is a common color space for the creation of images for viewing on the internet.
- **Adobe RGB**
  - designed to encompass most of the colors achievable on CMYK color printers by using RGB primary chromacities on devices such as monitors.
- **DCI-P3**
  - is a common RGB color space for digital movie projection in the American film industry.
RESPONSIBLE AND SUSTAINABLE TECH: Intelligent Power Management

ThinkVision P Series monitors come equipped with Smart Power. It is a power and energy management feature that dynamically detects and optimizes distribution of power. If there are multiple devices plugged into a monitor like a smartphone, a laptop, or any other USB-powered peripheral, the monitor will gauge just how much power each of them need and adjust according to requirement.

Modern professionals regularly use multiple devices everyday and they all need power. Hub monitors with Smart Power makes it possible to keep desks free of multiple charging cables and power bricks. **Up to 90W power delivery**¹ can be achieved when downstream USB ports are not connected, and brightness is lowered, so if needed, users can even quick charge devices through the monitor.

1 Listed as the maximum capacity of power delivery. Actual capacity of power delivery may vary depending upon devices connected or monitor mode and may decline with downstream USB ports connected or higher brightness settings.

- The smart build-in engine **dynamically detect power consumption** of the compatible USB Type-C device(s).
- Intuitively allocate power to other USB devices connected with the monitor in order to improve power efficiency.
- By enhancing **power efficiency**, Smart Power function manage to bring down overall **power consumption**.

Available on:
- ThinkVision P27h-20
- ThinkVision P24h-20
- ThinkVision P27q-20
- ThinkVision P44w-10
RESPONSIBLE AND SUSTAINABLE TECH:
Healthy Work Environment

New-gen P Series monitors have advanced eyecare technology with TÜV Rheinland Eye Comfort certification. They minimize eyestrain and fatigue by reducing screen flicker, glare, and cutting down harmful blue light. Long hours in front of a P Series monitor will not be physically stressful, promoting a healthy work environment.

All P Series monitors are made to be reliable workhorses, and this means professionals are going to spend a lot of time in front of them. Almost 50% of all office goers suffer from some sort of repetitive strain injury caused primarily by bad ergonomics.

Among the many complaints that those working for long hours in front of a monitor have is that they cause physical pain in the neck and shoulder regions; glare from overhead and other light sources; and eye strain from blue light that damages the eyes.

P Series monitors are all equipped with advanced ergonomic features that ensure no user faces such difficulties while working. They all have adjustable stands that allow for tilt, lift, swivel, and pivot, so regardless of height, every user gets a perfect setup.

Available on:
- ThinkVision P32p-20
- ThinkVision P27h-20
- ThinkVision P24h-20
- ThinkVision P27q-20
- ThinkVision P24q-20
- ThinkVision P44w-10
SW-BASED OSD SETTINGS

Easy, Customizable Display Management

ThinkColor is a software-based solution built to tackle issues that users face with color calibration, multitasking, and monitor management, spread across three levels of users—basic users, advanced professionals, and ITDMs.

**Challenges for employees, basic and advanced**
- Color calibration settings hard to find and operate
- Color needs to be set up based on requirement and often needs to be changed for creative professionals
- Personalization of display for PIP/PBP

**Challenges for ITDMs**
- Monitoring and control of displays
- Updates and maintenance
- Security

P Series monitors are equipped with ThinkColor software designed specifically to simplify color calibration. Settings are visualized and easy to access. It is entirely customizable and easy to make changes when needed. From QHD to 4K, these panels are highly capable and ThinkColor ensures users always get maximum performance.

ITDMs managing a fleet of systems across multiple users and levels can gain remote access to monitors, update them, calibrate, and even take care of security. Monitor settings, firmware updates, locking, disabling ports and other functions can be carried out in whole batches at once through ThinkColor*.

*Software functions vary between individual models.

Available on:
- ThinkVision P32p-20
- ThinkVision P27h-20
- ThinkVision P24h-20
- ThinkVision P27q-20/P24q-20
- ThinkVision P44w-10
# Top Options for Vertical Usage

## OIL, GAS & ENERGY
Oil, gas, energy applications from leading ISV for viewing more on screen
- Large size screen for productivity
- High PPI for details
- >=27”, IPS Panel
- 4K and above

### Product Recommendation
- P32u-10
- P32p-20
- P27u-10

## ARCHITECTURE & CONSTRUCTION
ANSYS Multiphysics, Autodesk Max, Maya, Autodesk Revit, Rhino for CAD, CAE, CAM, CAS
- View more with high PPI
- Multi-tasking for productivity
- Specified color space
- 27” and above
- QHD and above
- DCI-P3 or Adobe RGB/sRGB

### Product Recommendation
- P32p-20
- P27u-10
- P27h-20
- P24h-20
- P24q-20

## MEDIA & ENTERTAINMENT
Adobe Blackmagic Unreal engine
- Large size screen/high PPI
- Multiple color spaces
- Smooth experience/HDR preferred
- 4K and above
- View more with high PPI
- Multi-tasking for productivity
- Specified color space

### Product Recommendation
- P44w-10
- P32u-10
- P32p-20
- P27h-20
- P27q-20
- P24h-20
- P24q-20

## FINANCE
Bloomberg Terminal MS Office
- Middle to large size or ultra wide screen
- Maximized content
- Multi-tasking
- Multi-screen usage
- ≥24, IPS Panel
- ≥24, IPS Panel
- ≥24, IPS Panel
- ≥24, IPS Panel
- 3 or 4-side NearEdgeless

### Product Recommendation
- P44w-10
- P32u-10
- P27h-20
- P27q-20
- P24h-20
- P24q-20

## MEDICAL & SCIENCE
Centricity Medisoft Epic
- High resolution
- Accurate color
- Robust connectivity
- 24” and above
- QHD and above
- Calibrated color

### Product Recommendation
- P32u-10
- P24h-20
- P32p-20
- P24q-20

## ARTIFICIAL INTELLIGENCE
Applications for end-to-end data science and analytics workflow for multi-tasking, data analysis
- Large screen with high PPI for heavy data analysis
- Easy for multi-tasking
- 27” and above
- QHD and above
- 3 or 4-side NearEdgeless

### Product Recommendation
- P44w-10
- P32p-20
- P27h-20
- P27q-20
- P24h-20
- P24q-20
SUPERIOR PERFORMANCE FOR EVERYDAY PRODUCTIVITY

A 31.5-inch display with UHD resolution, an In-Plane Switching Panel, and 3-side NearEdgeless bezels, makes working on ThinkVision P32p-20 a treat. Experience seamless collaboration in any workspace on this USB-C Hub Monitor that is packed with connectivity options and delivers maximum flexibility. Enjoy secure and high-speed network performance with an Ethernet connection via USB-C, and breeze through everyday tasks with greater efficiency.

FEATURES OF THINKVISION P32p-20

View Every Nuance
Added screen real estate on the ThinkVision P32p-20’s UHD display, with four times the resolution and clarity than an FHD monitor, lets you view text-heavy documents or large design files with ease. Factory calibrated (avg. Delta E<2) to display content in its truest form, this monitor has 99% sRGB, BT.709, and DCI-P3 color spaces installed to ensure color consistency throughout, delivering vibrant and striking image quality.

Your New Go-to Professional Monitor
Users can now enjoy high-speed connectivity by upgrading to the ThinkVision P32p-20 that delivers Ethernet signals via USB-C. Its one-cable solution reduces cable clutter and enables a multi-monitor setup for productive multitasking. This monitor comes with an array of ports for seamless collaboration including ethernet, audio, video, power, and USB-C with power delivery.* Switch between PCs on-the-fly with the KVM function, controlled using a single pair of a keyboard and mouse.

Delivering Exceptional User Experience
Tilt, lift, pivot, and swivel functionality allows you to adjust the monitor to best suit your style. Organize and declutter your deskspace with cable management, a minimized square base, and an integrated phone holder. Additionally, its VESA mount capability lets you optimize space available in the office. Work effortlessly for extended hours with minimal eyestrain and fatigue on this TÜV Rheinland Eye Comfort-certified monitor.

*up to 90W power delivery to compatible devices by USB Type-C
## DISPLAY
- **Panel Size**: 31.5-inch
- **Screen Dimensions**: 697.31 mm x 392.23 mm
- **Panel Type**: 5-side NarrowEdgeless In-Plane Switching
- **Backlight**: WLED
- **Aspect Ratio**: 16:9
- **Resolution**: 3840 x 2160
- **Pixel Pitch**: 0.1816 mm x 0.1816 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**: 60 Hz
- **Brightness (typical)**: 350 cd/m²
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio**: 38:1
- **Color Gamut**: 99% sRGB, 99% BT.709, 90% DCI-P3
- **Color Support (typical)**: 1.07 Billion
- **Color Depth**: 10-bit
- **Processor LUT**: 14-bit
- **Anti-glare**: Yes

## CONNECTIVITY
- **Video Signal**:
  - 1 x USB Type-C Gen1 (DP 1.2 Alt Mode)
  - 1 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 USB 3.2 Gen1 (1 by USB Type-C, 1 by USB Type-B)
- **USB Downstream**: 3 x USB 3.2 Gen1 (1 x BC1.2)

## AUDIO SIGNAL
- **1 x Audio Out (3.5 mm)

## MECHANICAL
- **Tilt Angle (front/back)**: 0° - 20°
- **Swivel Angle (left/right)**: +45° / -45°
- **Lift (max. range)**: 135 mm
- **Pivot**: 0° / 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 / 24.1 mm
- **Power Consumption (typ./max)**: 36W / 186W
- **Power Consumption Sleep-Off Mode**: < 0.5W
- **Energy Star Power Consumption (Pon/ETEC)**: 27W / 844W
- **Power Supply**: Internal

## SPECIAL FEATURES
- **Optional Soundbar Support**: Yes (PN: 0A36190)
- **Factory Calibration**: Yes (Avg. Delta E<2)
- **KVM Switch**: Yes
- **Kensington Lock Slot**: Yes
- **Cable Management**: Yes
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## USB Type-C Power Delivery (W)
- **Voltage Required**: AC 100 to 240 V (50-60 Hz)

## MECHANICAL
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- **Swivel Angle (left/right)**: +45° / -45°
- **Lift (max. range)**: 135 mm
- **Pivot**: 0° / 90°
- **VESA Mount Capability**: Yes (100 x 100 mm)

## THINKCENTRE M SERIES
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- **Power Supply**: Internal

## DIMENSION
- **Size Packed (D x H x W, mm/inch)**: 528 x 190 x 845 mm / 20.79 x 7.48 x 32.27 inches
- **Size Unpacked w/o Stand (D x H x W, mm/inch)**: 235.0 x 604.4 x 714.6 mm / 9.25 x 23.79 x 28.13 inches
- **Weight Packed**: 13.30 kg / 29.32 lbs.
- **Weight Unpacked**: 10.21 kg / 22.51 lbs.
- **Weight (monitor head only)**: 6.96 kg / 15.34 lbs.

## WHAT’S IN THE BOX
- Monitor with stand
- 1 x Power cable (1.8 m)
- 1 x DP cable (1.8 m) (for US and Canada only)
- 1 x USB Type-C to Type-C cable (1.8 m)

## CERTIFICATION
- **ENERGY STAR**: Yes
- **RoHS (EU 2002/95/EC)**: Yes
- **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 ThinkVision P27h-20 with its QHD resolution provides 1.77 times more clarity than a Full-HD display, enhancing the productivity of business professionals and content creators. Whether you are crunching numbers or editing visual content, you'll never miss a detail on the 4-side NearEdgeless In-Plane Switching panel. Thanks to its anti-glare screen, this monitor is ideal for contemporary open offices. Designed to cater to your work style, you can easily connect to peripherals through the P27h-20’s versatile connectivity ports, for a holistic experience. Moreover, this monitor's factory-calibrated color accuracy with average Delta E<2, 99% sRGB, 99% BT.709, and multiple color spaces offer excellent color performance. Integrated with Smart Power**, the monitor offers full-functioned USB Type-C one cable solution with the capability to deliver up to 90W power delivery and Ethernet signal for secure network.

**Impressive Visuals from Edge to Edge**

**Experience Superior Connectivity**

Collaborate effectively by connecting to various peripherals with the USB Type-C one-cable solution, which also doubles up as a power charging cable. Conduct meetings and presentations seamlessly with the ethernet port, audio out, video, and USB data slots on offer. Multitasking will now be a breeze as you can daisy chain and create a multi-monitor setup via the DisplayPort. Smart Power** intelligently distributes power to connected USB and USB Type-C devices, maximizing power supply efficiency while also reducing overall consumption.

**Efficient Workspace**

The ThinkVision P27h-20 doesn’t just look good but also enhances the user experience with ergonomic, space-saving, and easy-to-use features. Vertical stand with swivel, tilt, pivot, and increased lift functionality ensures easy positioning of the monitor and reduces strain on your neck and back. With flexible cable management system, wires don’t get entangled, minimizing clutter. An integrated phone holder, VESA mount, and minimized square base also let you have an organized desk. The P27h-20 is TÜV Rheinland Eye Comfort-certified to minimize eye fatigue, ensuring you work exertion free.
### DISPLAY

**Panel Size**
- 27-inch

**Screen Dimensions**
- 596.74 mm x 355.66 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/m²

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

**Dynamic Contrast Ratio (typical)**
- 28:1

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

**Color Support** (typical)
- 16.7 Million

**Processor LUT**
- 8-bit

**Anti-glare**
- Yes

**BEZEL**
- 2.0 mm (side)
- 2.0 / 2.0 mm (top/bottom)

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

**Power Consumption Sleep/Off Mode**
- < 0.3W

**Energy Star Power Consumption (Pen/ETEC)**
- 19W / 65WWR

**Power Supply**
- Internal

**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.

**Power Consumption Switch-off Mode**
- < 0.5W

**Energy Star Power Consumption (Pon/ETEC)**
- 19W / 65WWR

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

### 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)

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

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

**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
- TCO
  - 8.0
- 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.
UNIFYING SIMPLICITY AND AESTHETICS

An immersive visual experience and enhanced productivity are what you get when using the ThinkVision P24h-20. Its 23.8-inch display comes with QHD resolution, In-Plane Switching (IPS), and 3-side NearEdgeless bezels. This monitor offers versatile connectivity options for seamless collaboration in a multiscreen setup. Enjoy secure and high-speed network performance with an Ethernet connection via USB-C, and breeze through everyday tasks with greater efficiency. Smart Power function* intelligently detects overall power consumption and dynamically manages power delivery.

Astonishing Display

With 1.77 times the pixels than Full-HD in the 3-side NearEdgeless IPS panel, the monitor’s QHD resolution offers more screen real estate to carry out everyday tasks with clarity and ease. The ThinkVision P24h-20 is factory calibrated (avg. Delta E<2) to deliver the truest view of original content. 99% sRGB, 99% BT.709, and 84% DCI-P3 color gamuts ensure color consistency throughout, delivering vibrant and striking image quality.

Performance at Its Best

The ThinkVision P24h-20, a USB-C Hub monitor offers a one-cable solution that simultaneously transmits Ethernet, power, video, audio, and data. Create a multi-monitor setup with its daisy-chaining functionality for seamless multitasking. Built-in speakers with immersive audio enhance collaboration. Smart Power* technology intelligently distributes power supply while optimizing overall power consumption.

Integrated Ergonomics

Customize the ThinkVision P24h-20 for maximum comfort with its tilt, lift, pivot, and swivel functionality. Keep your desk clutter-free with the cable management system, small square base, and integrated phone holder. This monitor has flexible VESA mounting options so you can install it on a wall or over a desk. Work effortlessly on this TÜV Rheinland Eye Comfort-certified monitor without worrying about eye fatigue.

*up to 75 W power delivery to compatible devices by USB Type-C

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**DISPLAY**

- **Panel Size**: 23.8-inch
- **Screen Dimensions**: 526.85 mm x 296.35 mm
- **Panel Type**: 3-side NearEdgeless In-Plane Switching
- **Backlight**: WLED
- **Aspect Ratio**: 16:9
- **Resolution**: 2560 x 1440
- **Pixel Pitch**: 0.2058 x 0.2058 mm
- **Dot/Pixel Per Inch (DPI/PP)**
- **Refresh Rate**: 60 Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 38:1
- **Color Gamut**: 99% sRGB, 99% BT.709, 84% 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 0A36190)
- **Factory Calibration**: Yes (Avg. ΔE<2)

**POWER**

- **Power Consumption (typ./max)**: 23W / 130W
- **Power Consumption Sleep/Off Mode**: < 0.3W
- **Energy Star Power Consumption (Pen/Energy)**: 18.49W / 60.11kWh
- **Power Supply**: Internal

**USB Type-C Power Delivery (W) up to 75 W**

**MECHANICAL**

- **Tilt Angle (front/back)**: -5/35°
- **Swivel Angle (left/right)**: ±45°
- **Lift (max. range)**: 150 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 mm
- **Bezel Width (top/bottom)**: 2 / 21.4 mm

**DIMENSION**

- **Size Packed (D x H x W, mm/inch)**: 620 x 149 x 43.9 mm
- **Size Unpacked (D x H x W, mm/inch)**: 205 x 420 x 59.9 mm
- **Weight (monitor head only)**: 3.85 kg / 8.49 lbs.

**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
- ENERGY STAR: Yes
- TCO: 8.0
- TCO Edge: v6
- 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

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*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.*
Improve your productivity with the ThinkVision P27q-20. This 27-inch monitor has an In-Plane Switching panel and QHD resolution that enhances picture quality for a more detailed view. Create a multi-screen setup with two or more of these 4-sided NearEdgeless displays for seamless multitasking. Versatile connectivity options allow you to connect with peripherals to transfer and receive data with ease. The ThinkVision P27q-20’s space-saving design conforms to ergonomics and ensures that your desk space remains organized for improved productivity.

FEATURES OF THINKVISION P27q-20

Uncompromised Visual Experience
Experience exceptional image quality on the QHD (2560x1440), In-Plane Switching display that offers a wide viewing angle. Run applications while checking on multiple spreadsheets—deploy two or more of these 4-sided NearEdgeless monitors side-by-side, for an uninterrupted view and effortless multitasking. Convenient and perfect for any workspace, this monitor helps enhance efficiency.

Efficient and Smart Working
Maximize your productivity with multiple ports by connecting to all essential peripherals effortlessly. The monitor has dedicated DisplayPort, four USB 3.1 Gen1 ports, and an HDMI port for seamless connectivity during meetings and presentations. Connect the monitor to an optional speaker via audio output port for a complete audio visual experience.

Ergonomic and Space-saving Solution
Place your monitor either on its sturdy stand or mount it up on the wall, using VESA mount for comfortable viewing. The extended tilt and lift range is ergonomic, allowing you to spend time in front of the monitor without fatigue. The cable management, smaller base, and integrated phone holder further add to your convenience and help you work efficiently, by keeping your desk space organized.
**DISPLAY**

- Panel Size: 27-inch
- Screen Dimensions: 596.74 mm x 335.66 mm
- Panel Type: 4-sided 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/PP): 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/m²
- Contrast Ratio (typical): 1000:1
- Dynamic Contrast Ratio (typical): 351:1
- Color Gamut: 99% sRGB
- Color Support (typical): 16.7 Million
- Anti-glare: Yes

**CONNECTIVITY**

- **Video Signal**
  - 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
  - USB Upstream: 1 x USB3.1 Gen1 (by USB Type-B)
  - USB Downstream: 4 x USB3.1 Gen1 (1 BC)

**DIMENSION**

- Size Packed (D x H x W, mm/inch): 182.0 x 463.0 x 722.0 mm / 7.17 x 18.23 x 28.43 inches
- Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position): 208.0 x 441.5 x 613.8 mm / 8.19 x 17.38 x 27.17 inches
- Size Unpacked w/o Stand (D x H x W, mm/inch) (highest position): 208.0 x 576.5 x 613.8 mm / 8.19 x 22.70 x 27.17 inches
- Size Unpacked w/o Stand (D x H x W, mm/inch) (head only): 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.): 9.26 kg / 20.37 lbs
- Weight Unpacked (kg/lbs.): 7.12 kg / 15.7 lbs
- Weight (monitor head only) (kg/lbs.): 4.64 kg / 10.23 lbs
- Full Container Load (40' STD / 20' STD): 726 / 352 units

**POWER**

- Power Consumption (typ./max): 22W / 57W
- Power Consumption Sleep/Off Mode: < 0.3W
- Power Consumption Switch-off Mode: < 0.3W
- Energy Star Power Consumption (Pon/ETEC): 16W / 23W
- Power Supply: Internal
- Voltage Required: AC 100 to 240 V (50-60 Hz)
- Power Consumption Sleep/Off Mode: < 0.3W
- Power Consumption Switch-Off Mode: < 0.3W
- Power Consumption (typ./max): 22W / 57W
- Power Consumption Sleep/Off Mode: < 0.3W
- Power Consumption Switch-off Mode: < 0.3W
- Energy Star Power Consumption (Pon/ETEC): 16W / 23W
- Power Supply: Internal
- Voltage Required: AC 100 to 240 V (50-60 Hz)

**MECHANICAL**

- Tilt Angle (front/back): -5° / 15°
- Swivel Angle (left/right): ±45° / 45°
- Lift (max. range): 135 mm
- Pivot: -90° / 90°
- VESA Mount Capability: Yes (100 x 100 mm)

**WHAT'S IN THE BOX**

- Monitor with stand
- 1 x Power cable (1.8 m)
- 1 x DP cable (1.8 m)
- 1 x USB Type-B to Type-A cable (1.8 m)
- 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
Designed to fit into any workspace, the ThinkVision P24q-20 is packed with productivity features that boost efficiency. When collaborating, or in a multiscreen setup, this 23.8-inch monitor enhances your viewing experience thanks to its QHD resolution, In-Plane Switching (IPS), and 3-side NearEdgeless bezels. Multiple color gamuts—sRGB, BT.709, and DCI-P3—and factory calibration ensure outstanding visual quality and impressive color accuracy. Now, say goodbye to tired, strained eyes as the ThinkVision P24q-20 is TÜV Rheinland Eye Comfort certified, ensuring you work without fatigue.

FEATURES OF THINKVISION P24q-20

Vivid Display from Any Direction
Sporting a 3-side NearEdgeless In-Plane Switching panel, the monitor’s QHD resolution packs 1.77 times the pixels than Full HD, giving you more screen real estate and allowing you to see and do more. Carry out everyday tasks with clarity and precision. 99% sRGB, 99% BT.709, and 85% DCI-P3 color ranges, and factory color calibration (avg. Delta E<2) offer vibrant and striking image quality, ensuring color consistency throughout.

Impactful Productivity
The ThinkVision P24q-20 is engineered to improve efficiency—this is a monitor synonymous with flexibility, functionality, collaboration, and multitasking. Show off your work by daisy-chaining effectively to create a multi-monitor setup. Connect with computers and peripherals seamlessly with an array of USB ports (upstream and downstream) on offer.

Space-saving Design for Clutter-free Desk
The tilt, lift, pivot, and swivel functionality allows you to customize the ThinkVision P24q-20 the way you want it. A higher lift range ensures minimal neck and back strain. With its cable management, minimized square base, and integrated phone holder you get an organized and uncluttered desk space. With TÜV Rheinland Low Blue certification, the monitor assures minimal eye fatigue.
## DISPLAY

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Size</td>
<td>23.8-inch</td>
</tr>
<tr>
<td>Screen Dimensions</td>
<td>526.85 x 296.35 mm</td>
</tr>
<tr>
<td>Panel Type</td>
<td>3-side NearEdgeless Plane Switching</td>
</tr>
<tr>
<td>Backlight</td>
<td>WLED</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Resolution</td>
<td>2560 x 1440</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>0.2058 x 0.2058 mm</td>
</tr>
<tr>
<td>Dot/Pixel Per Inch (DP/PP)</td>
<td>123</td>
</tr>
<tr>
<td>Viewing Angle (H x V @ CR 10:1)</td>
<td>178 / 176</td>
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<tr>
<td>Response Time</td>
<td>4ms (extreme mode) 6ms (normal mode)</td>
</tr>
<tr>
<td>Refresh Rate</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Brightness (typical)</td>
<td>300 cd/m²</td>
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<tr>
<td>Contrast Ratio (typical)</td>
<td>1000:1</td>
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<tr>
<td>Dynamic Contrast Ratio (typical)</td>
<td>26.3</td>
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<tr>
<td>Color Gamut</td>
<td>99% sRGB, 99% BT.709, 84% DCI-P3</td>
</tr>
<tr>
<td>Color Support (typical)</td>
<td>16.7 Million</td>
</tr>
<tr>
<td>Anti-glare</td>
<td>Yes</td>
</tr>
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</table>

## CONNECTIVITY

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Signal</td>
<td>1 x HDMI 1.4</td>
</tr>
<tr>
<td></td>
<td>1 x DP 1.2</td>
</tr>
<tr>
<td></td>
<td>1 x DP 1.2 (out)</td>
</tr>
<tr>
<td>Audio Signal</td>
<td>1 x Audio Out (3.5 mm)</td>
</tr>
<tr>
<td>USB Hub</td>
<td>Yes</td>
</tr>
<tr>
<td>USB Upstream</td>
<td>1 x USB3.1 Gen1 Type-B</td>
</tr>
<tr>
<td>USB Downstream</td>
<td>4 x USB3.1 Gen1 (1 x BC1.2)</td>
</tr>
<tr>
<td>Audio Out (3.5 mm)</td>
<td>Yes</td>
</tr>
<tr>
<td>USB Hub</td>
<td>Yes</td>
</tr>
<tr>
<td>USB 3.1 Gen1 Type-B</td>
<td>1 x</td>
</tr>
<tr>
<td>USB 3.1 Gen1 BC1.2</td>
<td>1 x</td>
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## SPECIAL FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory Calibration</td>
<td>Yes (Avg. Delta E&lt;2)</td>
</tr>
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</table>

## POWER

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption (typ./max)</td>
<td>20W / 61W</td>
</tr>
<tr>
<td>Power Consumption Sleep-Off Mode</td>
<td>&lt;0.5W</td>
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<tr>
<td>Energy Star Power Consumption (Pon/ETEC)</td>
<td>16.04W / 51.61Wh</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Internal</td>
</tr>
<tr>
<td>Voltage Required</td>
<td>AC 100 to 240 V (47-63 Hz)</td>
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</tbody>
</table>

## MECHANICAL

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilt Angle (front/back)</td>
<td>-5° / 35°</td>
</tr>
<tr>
<td>Swivel Angle (left/right)</td>
<td>±45° / ±45°</td>
</tr>
<tr>
<td>Lift (max. range)</td>
<td>150 mm</td>
</tr>
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</table>

## DIMENSION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size Packed (D x H x W, mm/inch)</td>
<td>44.6 x 325.7 x 539.8 mm</td>
</tr>
<tr>
<td>Size Unpacked w/ Stand (lowest position)</td>
<td>526.85 x 296.35 mm</td>
</tr>
<tr>
<td>Size Unpacked w/ Stand (highest position)</td>
<td>526.85 x 296.35 mm</td>
</tr>
<tr>
<td>Min. Distance from Table to Panel (lowest pixel at bottom of screen, mm)</td>
<td>117.9 mm</td>
</tr>
<tr>
<td>Max. Distance from Table to Panel (highest pixel at top of screen, mm)</td>
<td>415 mm</td>
</tr>
<tr>
<td>Weight Packed (kg/lbs.)</td>
<td>8.1 kg / 17.86 lbs.</td>
</tr>
<tr>
<td>Weight Unpacked (kg/lbs.)</td>
<td>6.18 kg / 13.6 lbs.</td>
</tr>
<tr>
<td>Weight (monitor head only) (kg/lbs.)</td>
<td>3.85 kg / 8.6 lbs.</td>
</tr>
</tbody>
</table>

## WHAT'S IN THE BOX

- Monitor with stand
- 1 x Power cable (1.8 m)
- 1 x DP cable (1.8 m)
- 1 x USB Type-A to Type-B cable (1.8 m)
- 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
Offering a stunning visual experience, the ThinkVision P44w-10 allows you to be more productive every day. The 43.4-inch large screen real estate and wide viewing angle make content creation and consumption exceptional. Its versatile connectivity ports expand your device capabilities by enabling easy connection to other peripherals. The ThinkVision P44w-10 is a USB-C Hub Monitor offering a one-cable solution for charging devices, quick data transfer, audio and video output. Packed with advanced features, this display is your perfect canvas to amplify productivity.

### FEATURES OF THINKVISION P44w-10

#### One is Better than Two

The ThinkVision P44w-10 offers a curved display, designed in a way that allows you to enjoy the screen space of approximately two 24-inch 16:10 monitors on a single 43.4-inch 32:10 monitor. The picture-by-picture (PBP) and picture-in-picture (PIP) functionality with KVM switch helps you manage up to two video inputs for seamless multitasking and viewing content from up to two devices at ease. Moreover, the lift, tilt, and swivel functionality allows you to position the monitor in a way that suits your working style.

#### Experience Superior Connectivity

With two innovative USB 3.1 Type-C ports, you can connect up to two devices, transfer data, video/audio, and manage up to 90W power for devices such as smartphones, laptops, workstations, tablets, or desktops simultaneously. The one-push port-hub houses two USB 3.1 ports and an audio jack to enable easy plug and play connectivity needs for home, office and entertainment alike. With the Smart Power function that intelligently detects power consumption and efficiently manages power supply, users can charge two compatible devices simultaneously. Advanced ports such as DisplayPort 1.4 and HDMI 2.0 offer more connectivity options.

#### Display with a Perspective

This anti-glare curved monitor with TÜV Eye Comfort certification reduces eye-strain and makes it easy for you to power through extended working hours. Moreover, the 3840 x 1200 pixels resolution combined with VESA Certified Display HDR 400 picture clarity offers crisp visuals. The 144Hz refresh rate enables you to enjoy content consumption without any lags*. With the multiple color spaces, pre-calibrated color accuracy, and the ThinkColor software, content creation tasks are a breeze. The optional Harman Kardon certified speaker along with the immersive display offers an integrated audiovisual experience.

*With the multiple color spaces, pre-calibrated color accuracy, and the ThinkColor software, content creation tasks are a breeze. The optional Harman Kardon certified speaker along with the immersive display offers an integrated audiovisual experience.
### DISPLAY
- Panel Size: 43.4 inches
- Screen Dimensions (H x V): 1052.3 x 528.6mm
- 41.4 x 23.9 inches
- Panel Type: VA Narrow Bezel, Anti-GLare
- Curvature: 1800R
- Response Time (gray to gray): 4/6ms (extreme/typical)
- Viewing Angle (H x V): 178° / 178°
- Brightness (typical): 380 nits (typical)
- Color Gamut (typical): 99% sRGB, 99.5% DCI-P3, 90%
- Brightness (typical): 450 nits (peak)
- Color Support (typical): 16.7 M
- Color Gamut (sRGB): 99.5% (DCI-P3: 90%)
- Dynamic Contrast Ratio (typical): 3M:1
- Color Support (typical): 16.7 M
- Color Gamut (sRGB): 99.5% (DCI-P3: 90%)

### CONNECTIVITY
- **Video Signal**
  - 2 x HDMI 2.0
  - 1 x DP 1.4
  - 1 x USB Type-C Gen1 (DP 1.2 Alt Mode)
  - 1 x USB Type-C Gen2 (DP 1.4 Alt Mode)
- **Audio Out**
  - Yes (3.5mm)
- **USB Hub**
  - Yes
- **USB Upstream**
  - 2 x USB 3.1 (1 x USB Type-C Gen1, 1 x USB Type-C Gen2)
- **USB Downstream**
  - 4 x USB 3.1 Gen1 (1 BC)
- **Power**
  - Internal
  - Power Consumption:
    - Typical: 70W
    - Max.: 250W
- **Switch**
  - Off Mode: <0.5W
  - Sleep/Off Mode: <0.5W

### DIMENSION
- **Size Packed (D x H x W, mm/Inch)**
  - 1219 x 550 x 376mm
  - 48.79 x 21.35 x 14.80 inches
- **Size Unpacked w/ Stand (D x H x W, mm/Inch)**
  - Lowest position: 269.8 x 591.1 x 1058.3mm
  - 49.6 x 23.27 x 41.67 inches
- **Size Unpacked w/ Stand (D x H x W, mm/Inch)**
  - Head Only:
    - 157.0 x 346.1 x 1058.3mm
    - 6.18 x 13.61 x 41.67 inches
- **Panel Size**: 43.4 inches
- **Screen Dimensions (H x V)**
  - 1052.3 x 528.6mm
  - 41.4 x 23.9 inches
- **Panel Type**: VA Narrow Bezel, Anti-GLare
- **Contrast Ratio (typical)**: 3M:1
- **Aspect Ratio**: 32:10
- **Resolution**: 3840 x 1200
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**: 4/6ms (extreme/typical)
- **Speakers**
  - Supports optional Harman Kardon certified speaker
- **Viewing Angle (H x V)**
  - 178° / 178°
- **Resolution**: 3840 x 1200
- **HDR**: VESA Certified DisplayHDR™ 400
- **Pixel Pitch (H x V)**
  - 0.2740 x 0.2740mm
- **Viewing Angle (H x V)**
  - 178° / 178°
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1
- **Response Time (gray to gray)**
  - 4/6ms (extreme/typical)
- **Refresh Rate**: Max.: 144Hz
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio (typical)**: 3M:1

### WHAT'S IN THE BOX
- Monitor with stand
- 1 x Power cable
- 1 x HDMI cable
- 1 x DP cable
- 1 x USB Type-C Gen2 cable
- 1 x USB Type-C to Type-A cable
- Quick setup guide

### SPECIAL FEATURES
- Anti-Glare
- Yes
- PIP/PBP
- Yes
- Software
  - Yes (ThinkColor)
- Speaker
  - Supports optional Harman Kardon certified speaker

### MECHANICAL
- **Tilt Angle (front/back)**
  - -5° ~ 22°
- **Swivel Angle (left/right)**
  - ± 30°
- **Lift (max. range)**
  - Yes (130mm)
- **VESA Mount Capability**
  - Yes (100 x 100 mm)
- **Kensington Lock Slot**
  - Yes
- **Cable Management**
  - Yes
- **Bezel Color**
  - Raven Black
- **Bezel Width (side)**
  - 2.4mm
- **Bezel Width (top/bottom)**
  - 2.4/25.6mm

### WEIGHT
- **Weight Packed (kg/lbs.)**
  - 16.34kg/35.90lbs.
- **Weight Unpacked (kg/lbs.)**
  - 13.43kg/29.60lbs.
- **Weight (Monitor Head Only)**
  - 9.35kg/20.61lbs.

### WHAT'S IN THE BOX
- Monitor with stand
- 1 x Power cable
- 1 x HDMI cable
- 1 x DP cable
- 1 x USB Type-C Gen2 cable
- 1 x USB Type-C to Type-A cable
- Quick setup guide

### CERTIFICATION
- **ENERGY STAR Rating**: 8.0
- **CCC**: Yes
- **RoHS**: Yes
- **TCO**: 8.0
- **EPEAT**: Silver
- **Windows Certification**: Windows 7, Windows 10
- **China Energy Efficiency Standard**: Tier 2
- **TÜV Eye Comfort**: Yes
The ThinkVision P32u-10 monitor combines phenomenal visuals and effortless connectivity for powerful performance and precise viewing. From color-centric tasks such as graphic design and photo retouching to displaying detailed content for users like financial analysts, scientists, and researchers, this monitor delivers with utmost precision. What’s more, with intuitive connectivity enabled by the Thunderbolt™ 3 port, it can daisy chain two 4K monitors for smooth multitasking and an unmatched viewing experience.

FEATURES OF THINKVISION P32u-10

Professional-Grade Color Accuracy
Experience detailed and natural visuals as the 10-bit color depth offers over 1 billion colors with the 99.5% Adobe RGB color gamut. Also, the multiple color spaces on this monitor cater to the specific needs of various professionals. Colors are pre-calibrated from the factory, to an average of delta E<2. This feature helps industrial designers, graphic designers, and editors effectively work on color-critical tasks like video editing and color correction.

Connectivity Redefined
Transferring data, watching videos, or charging devices on this monitor is as effortless as it could be. The intuitive Thunderbolt™ 3 port enables a one-cable connection to all the peripherals you need. This port helps boost your productivity, and lets you explore more ways to work efficiently. Collaborate easily with lightning-fast data transfers, or daisy chain two independent 4K displays when you need to multitask.

Bringing Comfort to Work
The ergonomic full-function stand allows you to position the monitor in any way that suits your working style or posture with lift, tilt, pivot, and swivel. Also, the anti-glare display allows you to work seamlessly even under glaring office lights. This feature is apt for video editors and designers who often spend long hours on their monitors.
### Display
- **Panel Size**: 32-inch
- **Screen Dimensions**: 708.4 mm x 398.5 mm
- **Panel Type**: In-Plane Switching
- **Backlight**: WLED
- **Aspect Ratio**: 16:9
- **Resolution**: 3840 x 2160
- **Pixel Pitch**: 0.1845 x 0.1845 mm
- **Viewing Angle (H x V @ CR 10:1)**: 178° / 178°
- **Response Time**: 4ms (extreme mode) 6ms (normal mode)
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio**: 3M:1
- **Color Gamut**: 99.5% Adobe RGB, 100% sRGB, 100% BT.709, 98.2% DCI-P3, 79.3% BT.2020
- **Color Support (typical)**: 1.07 Billion
- **Anti-glare**: Yes

### Connectivity
- **Video Signal**
  - 1 x USB Type-C Thunderbolt™ 3
  - 2 x HDMI 2.0
  - 1 x DP 1.2
- **Audio Signal**
  - 1 x Audio Out (3.5 mm)
- **USB Hub**
  - Yes
  - USB Upstream: 2 x USB 3.0 Gen1 (1 by USB Type-C Thunderbolt™, 1 by USB Type-B)
  - USB Downstream: 4 x USB 3.0 Gen1 (1 x BC)

### Special Features
- **Factory Calibration**: Yes (Avg. Delta E<2)
- **KVM Switch**: Yes
- **PIP/PBP**: Yes
- **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

### Mechanical
- **Tilt Angle (front/back)**: -5° / 22°
- **Swivel Angle (left/right)**: +45° / -45°
- **Lift (max. range)**: 110.0 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 / 23.6 mm

### Power
- **Power Consumption (typ./max)**: 57W / 190W
- **Power Consumption Sleep/Off Mode**: < 0.5W
- **Power Consumption Switch-off Mode**: < 0.3W
- **Power Supply**: Internal

### Dimension
- **Size Packed (D x H x W, mm/inch)**: 844.0 x 228.0 x 528.0 mm / 33.23 x 8.98 x 20.79 inches
- **Size Unpacked w/ Stand (D x H x W, mm/inch)**:
  - (lowest position): 350.0 x 607.85 x 726.7 mm / 13.78 x 23.93 x 28.61 inches
  - (highest position): 350.0 x 607.8 x 726.7 mm / 13.78 x 23.93 x 28.61 inches
- **Size Unpacked w/o Stand (D x H x W, mm/inch)**:
  - (head only): 58.9 x 431.5 x 726.7 mm / 2.32 x 16.99 x 28.61 inches

### Certification
- **CCC**: Yes
- **TCO**: 8.0
- **EPEAT**: Silver
- **RoHS (EU 2002/95/EC)**: Yes
- **Windows Certification**: Windows 7, Windows 10
- **China Energy Efficiency Standard**: Tier 2
- **TÜV Rheinland Eye Comfort**: Yes
- **Weight Packed (kg/lbs.)**: 14.30 kg / 31.32 lbs.
- **Weight Unpacked (kg/lbs.)**: 10.97 kg / 24.18 lbs.
- **Weight (monitor head only) (kg/lbs.)**: 6.97 kg/15.37 lbs.

### What's in the Box
- Monitor with stand
- 1 x Power cable
- 1 x DP-DP cable
- 1 x HDMI cable
- 1 x USB 3.0 cable
- 1 x Thunderbolt™ 3 cable (20Gbps)
- 1 x CD (ThinkColor)
- Factory calibration report
- Quick setup guide
Expect uncompromising performance from this exceptional 4K Ultra-HD display. The 27" ThinkVision P27u-10 delivers truly vibrant color, exquisite detail and blur-free motion from edge-to-edge, at any viewing angle. Professional color management software ensures consistently rich imagery, perfect for creative and engineering applications. Elegant in any environment, users will love the convenience of single-cable connection for video, data and power.

FEATURES OF THINKVISION P27u-10

Impressive Display Quality
The 27" In-Plane Switching display delivers Ultra-HD (3840 x 2160) resolution with multi-color gamut (>99% Adobe RGB, 97% DCI-P3) for accurate edge-to-edge images and truly rich color.

Ultimate Convenience
USB Type-C brings the simplicity of single-cable connection for video, data and power. Versatile connectivity options include 4 x USB 3.0¹ and ‘always-on’ device charging.

Designed for Users
The near-edgeless screen, ergonomic multi-adjustable stand, and TÜV Rheinland Eye Comfort deliver an outstanding user experience, even in multi-screen setups.

¹Depending 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 Gb/s for USB 3.1 Gen 1; 10 Gb/s for USB 3.1 Gen 2 & 20 Gb/s for USB 3.2.
## DISPLAY
- **Panel Size**: 27-inch
- **Screen Dimensions**: 596.74 mm x 335.66 mm
- **Panel Type**: In-Plane Switching
- **Backlight**: WLED
- **Aspect Ratio**: 16:9
- **Resolution**: 3840 x 2160
- **Pixel Pitch**: 0.1554 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)
- **Brightness (typical)**: 350 cd/m²
- **Contrast Ratio (typical)**: 1000:1
- **Dynamic Contrast Ratio**: 3M:1
- **Color Gamut**: 99.5% Adobe RGB
- **Color Support (typical)**: 1.07 Billion
- **Color Depth**: 10-bit
- **Anti-glare**: Yes

## CONNECTIVITY
- **Video Signal**:
  - 1 x USB Type-C Gen1 (DP1.2 Alt Mode)
  - 2 x HDMI 2.0
  - 1 x DP
- **Audio Signal**:
  - 1 x Audio Out (3.5 mm)
  - 1 x Audio Out (3.5 mm)
- **USB Hub**: Yes

## MECHANICAL
- **Tilt Angle (front/back)**: -5° / 30°
- **Swivel Angle (left/right)**: +45° / -45°
- **Lift (max. range)**: 110.0 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 / 24.5 mm

## POWER
- **Power Consumption (typ./max)**: 50W / 160W
- **Power Consumption Sleep/Off Mode**: < 0.5W
- **Power Consumption Switch-off Mode**: < 0.3W
- **Power Supply**: Internal
- **Voltage Required**: AC 100 to 240 V (50-60 Hz)

## DIMENSION
- **Size Packed (D x H x W, mm/inch)**: 732.0 x 210.0 x 453.0 mm
- **Weight Packed (kg/lbs.)**: 11.00 kg / 24.25 lbs.
- **Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)**: 269.8 x 403.3 x 611.6 mm
- **Weight Unpacked (kg/lbs.)**: 6.95 kg / 15.32 lbs.
- **Size Unpacked w/o Stand (D x H x W, mm/inch) (head only)**: 45.5 x 368.4 x 611.6 mm
- **Weight (monitor head only) (kg/lbs.)**: 5.00 kg / 11.02 lbs.

## CERTIFICATION
- **TCO Edge**: 2.0
- **RoHS (EU 2002/95/EC)**: Yes
- **Windows Certification**: Windows 7, Windows 10
- **China Energy Efficiency Standard**: Tier 2
- **TÜV Rheinland Eye Comfort**: Yes
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 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.
The P Series monitors come with UHD (4K) and QHD displays that allow users to enjoy crisp and vivid visuals. The 4K display offers an exceptionally detailed viewing experience and ensures high-quality color output. With larger displays, users can efficiently work on complex data and heavy content creation jobs. The In-Plane Switching panel on these monitors provides wide viewing angles and better color fidelity.
WHY P SERIES MONITORS

RICH COLORS FOR VIVID IMAGES

Experience detailed and natural visuals with up to 10 bit display that offers over 1 billion colors, 64x higher than the 16.7M colors of the conventional 8 bit displays. The natural transitions are a result of the internal, up to 14 bit LUT (lookup table).
WHY P SERIES MONITORS

EXCEPTIONAL COLOR COVERAGE & ACCURACY

With more color coverage that the wide color gamut (e.g. Adobe RGB>99%) that these monitors offer, users can experience abundant and natural color. Working with multiple peripherals is effortless on these monitors as the color accuracy ensures no color deviations take place. The multiple color spaces on this monitor cater to the specific needs of various professionals. Colors are pre-calibrated from the factory, accurate to ΔE<2(average). This feature helps industrial designers, graphic designers, and editors work on color-critical tasks like video editing and color correction.
Transferring data, watching videos, or charging devices simultaneously on the P Series monitors are as effortless as it could be. The Thunderbolt™ 3 port enables one-cable connection to various peripherals. Some users frequently need to multitask, compare numerous datasets, or work on intensive content creation tasks. With the intuitive Thunderbolt™ 3 port, users can daisy chain up to two 4K independent displays and experience lightning-fast data transfers (up to 40 Gbps). Not only can users boost their productive capabilities, but can also explore more ways to work efficiently.
How ThinkVision USB-C Hub Monitor Benefits IT Managers

Enhance remote IT support and assets management.

Remote IT support and customize access authority

Case 1

Mac Address Pass Through
Allow IT manager easily manage internet access authority for different types of employees, i.e. in co-working space, IT managers can detect who is using the monitor by the PC/NB Mac address, then grant different access authority to different ppl.

Remote assets management at ease

Case 2

WoL (Wake-on-LAN):
Allow IT manager remotely wake up PC* through the monitor

PXE Boot (Network Booting):
Allow IT manager remotely install PC OS through the monitor

*Wake On LAN from slave U3 option
Ethernet transfer speed not go over 1000Mbps when two QHD display run MST mode by USB-C, but the link speed protocol between monitor and switch is still 1000Mbps.
THANKS!