

ThinkVision T27hv-20

Smarter collaboration wherever you work from



CONFERENCE WITH CONFIDENCE AND CONFIDENTIALITY

Whether you call in from home, work in an open office or constantly shift your base of operations, ThinkVision T27hv-20 makes collaboration across distance easy for modern employees like you. That's because it puts every feature you need at your fingertips while taking commonly faced problems out of the picture. It's a pro at handling image and sound to give a world-class videoconferencing experience. On top of all the features you'd hope for, like 1080p IRRGB webcam, noise cancelling mics and powerful speakers, T27hv-20 comes packed with advanced features that put it in a class of its own. For instance, if you're in a shared space and concerned that prying eyes will peek at your confidential data, Smart Guard, powered by Glance by Mirametrix® Software¹, blurs your screen the moment you look or move away, or if it detects someone looking over your shoulder. And while you're mid-conference or just plain busy, the "ON AIR"-style Smart Traffic Light comes on to warn colleagues, or excited children, not to disturb you. To optimise energy efficiency, Smart Energy turns off your screen when it senses that you've moved away from your desk. And because ThinkVision T27hv-20 is a USB-C Hub monitor, it has superb connectivity: with a single cable, you can transfer data, video and even Ethernet signals all at once while powering devices up to 90W³, and even daisy chain a second monitor by DP out for greater productivity. Lenovo exclusive ThinkColour software¹ lets you effortlessly adjust advanced display settings using the mouse, enhancing efficiency and user experience.

Lenovo

FEATURES OF THINKVISION T27hv-20



A display of professionalism



**Your business,
secured and assured**



All connectivity. No clutter.



Reduce fatigue. Boost comfort.

This 27-inch QHD In-Plane Switching panel monitor will make any content you throw onto it look its very best: from your colleagues' faces on the other side of the world to high-definition video content to gorgeous visuals that enliven your presentation. And it will sound just as good it looks. Two 3W front-facing speakers deliver videoconferencing colleagues' input with crystal-clear sound. Meanwhile, thanks to intelligent Synaptics AUDIOSMART™ technology, dual built-in microphones pick up only sounds that come from in front of the screen, while canceling sounds that come from the left and right. That way, your colleagues get to hear you, not your environment, letting everyone get on with business. Not only that. They'll see you better too because T27hv's integrated 1080p IRRGB camera can be adjusted to frame you at the perfect angle while you sit in the position that's most comfortable for you.

If you deal with sensitive data, sharing office space can have its trade-offs. That's why T27hv automatically blurs your screen the moment you look away or get up and leave your desk through Glance by Mirametrix® Software¹. In multi-screen setups, it can even sense when you're looking at the other screen and blurs your content to keep prying eyes at bay. And when you're not at your workstation, its Smart Energy technology senses this and dims your display, both saving energy and doubling down on your security. If you're based in an open-plan office, Smart Traffic Light warns others when you're videoconferencing or focusing on urgent tasks, so you don't have to deal with interruptions. To save you time and hassle logging on, and give you an added layer of security, you can log in fast with facial recognition without typing your password. And for extra peace of mind, the built-in webcam's physical privacy shutter actually closes over the camera when not in use, so you can operate in complete confidentiality.

Make your workday simpler and more efficient. With Lenovo's Smart Power technology dynamically controlling power throughout the monitor and the devices connected to it, you can eliminate messy power supply cables and improve your energy efficiency. Multitasking masters can broaden their horizons, literally, by daisy chaining a second monitor through the DP out port. And you can connect external storage, a keyboard or connect other mission-critical devices through multiple ports like HDMI 1.4, DP 1.2 and USB-A. If you suddenly have to switch to headphones on a call, they'll always be close at hand, hanging from the convenient headphones hook just above the combo Audio port, cutting out desktop clutter and precious seconds of awkward fumbling time.

Whether in the office or working from home, today, business means screen time. The TÜV Rheinland Eye Comfort-certified ThinkVision T27hv minimizes eye strain with Natural Low Blue Light technology without creating yellow-skewed images. Its Eyesafe[®] certified technology meets the strongest industry standards, reducing blue light while retaining the color accuracy. The monitor's built-in 1080p IRRGB camera adjusts its angle to frame you perfectly and comfortably. Moreover, the ThinkColour Software¹ lets you conveniently adjust display settings using the mouse in OSD, offering a better user experience. With an ergonomic stand that lifts the screen up to 135 mm, tilts between -5° and 35° front to back, pivots -90° to +90° and swivels -45° to +45° left to right, your whole display is always in the most comfortable spot for your individual needs. If you've ever struggled to plug in headphones mid-conference call due to the ports hidden on the back of the monitor, you'll appreciate T27hv's easily accessible, side-facing audio 3.5 mm jack for combined audio in and out.

ThinkVision T27hv-20

DISPLAY

Panel Size
27-inch

Screen Dimensions
608.78 mm x 355.13 mm

Panel Type
3-side NearEdgeless
In-Plane Switching

Active Area
596.74 mm x 335.67 mm

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
60Hz

Brightness (typical)
350 cd/m²

Contrast Ratio (typical)
1000:1

Dynamic Contrast Ratio (typical)
3M:1

Color Gamut (coverage ratio)
99% sRGB

Color Support (typical)
16.7 Million

Color Depth
8-bit

Anti-glare
Yes

CONNECTIVITY

Video Signal
1 x USB Type-C² 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 combo (3.5 mm; in/out)

USB Hub
Yes

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

USB Upstream
1 x USB3.2 Gen1
(1 by USB Type-C Gen1)

USB Downstream
4 x USB 3.2 Gen1 (1 x BC1.2)

MULTI-MEDIA

Integrated Webcam
Yes (1080p, IRRGB camera)

Integrated Microphone
Yes

Integrated Speakers
Yes (2 x 3W)

SPECIAL FEATURES

Software
Lenovo ThinkColour (Lenovo
Display Control Center)¹
Yes (Glance by Mirametrix®)¹

Smart Sensor
Yes

POWER

Power Consumption (Typ./Max)
25W / 148W

Power Consumption Sleep/Off Mode
0.5W

Power Consumption Switch-off Mode
0.3W

ENERGY STAR Power Consumption (Pon/E_{TEC})
20.59W / 66.47kWh

Power Supply
Internal

USB Type-C power delivery (W)
Up to 90W³

Smart Power
Yes

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

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/Nano monitor clamp II (PN: 4XH0Z42451) & Tiny VESA mount II (PN: 4XF0N03161)

ThinkCentre M Series Nano Support

Yes, by Tiny/Nano monitor clamp II (PN: 4XH0Z42451) & Nano VESA mount (PN: 4XF0V81630)

Kensington Lock Slot
Yes

Headphone Hook
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (side)
2.0 mm

Bezel Width (top/bottom)
2.0 / 50.07 mm

DIMENSION

Size Packed (D x H x W, mm/inch)
159.00 x 515.00 x 860.00 mm
6.26 x 20.28 x 33.86 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)
208.00 x 473.60 x 613.60 mm
8.19 x 18.65 x 24.16 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)
208.00 x 608.60 x 613.60 mm
8.19 x 23.96 x 24.16 inches

Size Unpacked w/o Stand (head only) (D x H x W, mm/inch)
45.50 x 412.60 x 613.60 mm
1.79 x 16.24 x 24.16 inches

Weight Packed (kg/lbs.)
10.55kg / 23.26 lbs

Weight Unpacked (kg/lbs.)
7.35kg / 16.20 lbs.

Weight (monitor head only) (kg/lbs.)
4.85kg / 10.69 lbs.

WHAT'S IN THE BOX

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

CERTIFICATION

ENERGY STAR Rating
8.0

CCC
Yes

TCO
8.0

TCO Edge
2.0

EPEAT
Gold

RoHS (EU 2002/95/EC)
Yes

Windows Certification
Windows 7, Windows 10

EU Energy Level Certification
Yes (Level-F)

China Energy Efficiency Standard
Tier 1

TÜV Rheinland Eye Comfort
Yes

TÜV Rheinland Low Blue Light
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

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. Enhanced Sign-in Security is not supported.

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Specifications may vary depending upon region.

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