

ThinkVision T24t

FINGERTIP CONTROL FOR EVERY SPHERE OF BUSINESS
PROVIDE MULTIPLE TOUCH POINTS FOR YOUR OPERATIONS

Business opportunities are at your fingertips if you're able to take advantage of touch. ThinkVision T24t-20 puts success in both your hands thanks to its 23.8-inch, touchscreen, In-Plane Switching panel display that recognizes input from 10 points at once. That lets you control different areas of the screen simultaneously. And with up to 2,880 touch sensors, you can draw and edit images with precision and work with apps that use variable touch. Its 1920 x 1080 resolution, anti-glare, 3-side NearEdgeless screen that can operate even without a stand makes it ideal for transforming public-facing scenarios and home working moments into literal touch points.

With multiple options for connectivity, this docking monitor not only lets you connect to desktops, laptops, ThinkCentre Nano, tablets and phones¹, T24t-20 lets you use that touch input to control them when they're connected, giving you the most intuitive mastery of your IT arsenal. And its power button controls and shows the status of connected ThinkPad[®] and ThinkCentre Nano[®]. It's made possible by the USB Type-C² port that provides a true 1-cable solution, removing additional cables and complex setups, to enable touch. That single cable transfers both data and video signals and can even power your connected devices up to 90W² through Lenovo Smart Power management without extra power cables clogging up your workspace. Add to that, HDMI, DP and USB Type-A and Audio Out connectivity and T24t-20 is ready to plug and play with all the tools you need.

In light of its touch capability, this monitor is designed to get closer to you, with its extensive tilt range on its ergonomic stand that lowers all the way to the desk and lifts 90 mm, or wall-mounted through its VESA capability or purely by itself. And, having a quick-release feature, it can be swiftly swapped between these options.

Loaded with proprietary ThinkColour Software⁴, you can instantly and effortlessly adjust fine controls of the screen's brightness, color space, even connectivity and more, either directly with your fingers or just the click of a connected mouse, to perform at its best no matter what the task and usage environment. The monitor also actively works to safeguard your eyes with TÜV Rheinland Eye Comfort, TÜV Low Blue Light (Hardware Solution) and Natural Low Blue Light technology with Eyesafe certification that reduce flicker and harmful high-energy blue light that could otherwise cause eye fatigue. And T24t-20 also comes with ENERGY STAR 8 certification, so you work, while resting assured that it's doing its best to responsibly minimize your energy consumption.

¹ selected models.



FEATURES OF THINKVISION T24t-20 MONITOR



The power of touch x10

Now nothing gets between you and your productivity. Get hands-on with your business through ThinkVision T24t-20's 10-point touchscreen that has 2,880 touch sensors to register your every input. Its 23.8-inch, 1920 x 1080 resolution, touchscreen, In-Plane Switching panel display delivers vivid images in a color space of 99% sRGB at 300 cd/m² from a viewing angle of 178°. That's whether it's mounted high to greet users at eye-level or stationed horizontal and low on a desk for sharing presentations or location information. While its 3-side NearEdgeless, anti-glare display maximizes screen real estate, removes bulky edges that would limit comfortable touch input, and presents a clear picture that's free from distraction. So, it's equally ideal in libraries, check-ins, hotel check-outs, museums, doctors' waiting rooms and shopping mall info-points. In fact, casinos and classrooms and everything in between. Use it for machining assemblies or simply update your prospective client on your ideas and let their fingers take a tour through your design drawings.



1-cable convenience

A monitor designed to be touched, it also loves to play well with other equipment. At the heart of its great connectivity is a USB Type-C² port that gives you 1-cable convenience to cleanly enable touch functions, without extra, messy wires, as well as transfer data and video signals to connected laptops, desktops and selected compatible Android[™] and Chrome devices. And thanks to Lenovo Smart Power technology, the same cable can dynamically charge those connected devices with up to 90W² of power. In short, it frees you from extra power cables cluttering workstations and retail display spaces. Using the same USB Type-C² cable, touch the screen and you'll control the PC connected to it. ThinkVision T24t-20 is designed for compatibility with its built-in HDMI, DP and USB Type-A and Audio Out ports giving you an ideal all-round monitor for kiosks, check-in desks and even education environments.



**Sit flat. Stand tall.
Mount on the wall.**

Get up to the task of getting right down to business. T24t-20's supreme flexibility in usage scenarios springs from how many ways you can install it. Mount on its ergonomic stand, whose extended tilt range can bring it right down to desk level, on a VESA 100 mm x 100 mm wall-mounted arm or just by itself, relatively horizontal, to give you exactly the performance you need whether you're sharing with colleagues, letting people check themselves in at airports or controlling industrial manufacturing equipment.



Adjust in just an instant

Matching the convenience of its multi-touch interface, T24t-20 also comes packed with the exclusive ThinkColour Software⁴ that makes adjusting the screen's settings effortless, efficient and fast. A clean on-screen display gives you control over every aspect of its performance to optimize users' experience in practically any environment, in an instant. Forget button pushing, just swipe, tap and move on. While the touch functionality cares for your experience, its engineering cares for your efficiency and impact. T24t-20 is ENERGY STAR 8-certified, to help you move toward your corporate and social responsibility. While TÜV Rheinland Eye Comfort, TÜV Low Blue Light (Hardware Solution) and Eyesafe certified and Natural Low Blue Light technology reduce harmful blue light wavelengths so that you can work for extended periods without the worry of eye fatigue. All without distorting the color output.

ThinkVision T24t-20

DISPLAY

Panel Size

23.8-inch

Screen Dimensions

535.1 mm x 313.1 mm

Panel Type

3-side NearEdgeless
In-Plane Switching

Active Area

527.0 mm x 296.5 mm

Backlight

WLED

Aspect Ratio

16:9

Resolution

1920 x 1080

Pixel Pitch

0.2745 mm x 0.2745 mm

Dot/Pixel Per Inch (DPI/PPI)

93

Viewing Angle (H x V @ CR 10:1)

178° / 178°

Response Time

4ms (Extreme Mode),
6ms (Normal Mode)

Refresh Rate

75 Hz

Brightness (Typical)

300 cd/m²

Contrast Ratio (Typical)

1000:1

Dynamic Contrast Ratio (Typical)

3M:1

Color Gamut

99% sRGB

Color Support (Typical)

16.7 Million

Touch

Yes (10-point Projected Capacitive
Touch)

Anti-glare

Yes

CONNECTIVITY

Video Signal

1 x USB Type-C Gen 1 (DP 1.2 Alt Mode)
1 x HDMI 1.4
1 x DP 1.2

Audio Signal

1 x Audio Out (3.5 mm)

USB Hub

Yes

USB Upstream

1 x USB 3.2 Gen 1⁵ (1 by USB Type-C)

USB Downstream

4 x USB 3.2 Gen 1⁵ (1 x BC 1.2)

SPECIAL FEATURE

Software

Lenovo ThinkColour
(Lenovo Display Control Center)⁴

POWER

Power Consumption (Typical / Max.)

25W / 150W

Power Consumption Sleep/Off Mode

< 0.5W

Power Consumption Switch-off Mode

< 0.3W

ENERGY STAR Power Consumption (P_{on}/E_{TEC})

17W / 56 kWh

Power Supply

Internal

USB Type-C Power Delivery (W)

Up to 90W³

Smart Power

Yes

Voltage Required

AC 100 to 240 V (50–60 Hz)

MECHANICAL

Tilt Angle (Front / Back)

-5° / 70°

Lift (Max. Range)

90 mm

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 / 22.2 mm

DIMENSIONS

Size Packed (D x H x W, mm/inch)

622.0 x 172.0 x 421.0 mm
24.49 x 6.77 x 16.57 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (Lowest Position)

244.1 x 340.5 x 539.8 mm
9.61 x 13.41 x 21.25 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (Highest Position)

244.1 x 430.5 x 539.8 mm
9.61 x 16.95 x 21.25 inches

Size Unpacked w/o Stand (Head Only) (D x H x W, mm/inch)

44.1 x 326.5 x 539.8 mm
1.74 x 12.85 x 21.25 inches

Weight Packed (kg/lb)

8.3 kg / 18.3 lbs.

Weight Unpacked (kg/lb)

5.8 kg / 12.9 lbs.

Weight (Monitor Head Only) (kg/lb)

3.8 kg / 8.3 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, Canada
1 x USB Type-C to Type-A cable (1.8 m)
for US, Canada
1 x USB Type-C to Type-C cable
Quick setup guide

CERTIFICATION

ENERGY STAR Certification

Yes

CCC

Yes

TCO

8.0

TCO Edge

2.0

EPEAT

Gold

RoHS (EU 2002/95/EC)

Yes

Windows Certification

Windows 7, Windows 10

China Energy Efficiency Standard

Tier 1

TÜV Rheinland Eye Comfort

Yes

TÜV Low Blue Light (Hardware Solution)

Yes

Eyesafe Display Certification

Yes



¹ Capable to work with selected compatible Android™ and Chrome system. ² USB Type-C and USB-C are registered trademarks of USB Implementers Forum. ³ 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. ⁴ This software can only be used with Windows 10.

⁵ 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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