

## ThinkCentre Tiny-In-One (TIO) 22 Gen 5 Touch

Smarter technology for all

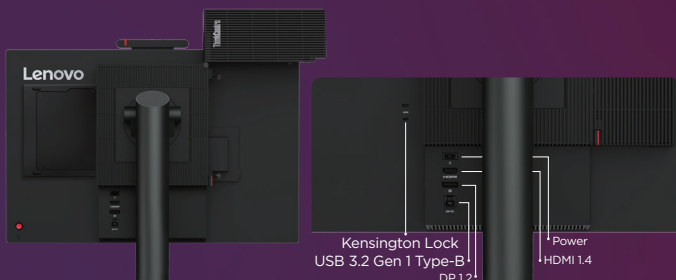
# One machine to connect you with the world.

Multitask with multiple devices.



The ThinkCentre Tiny-In-One (TIO) 22 Gen 5 Touch is an all-rounder with its 21.5-inch FHD In-Plane Switching panel which provides an immersive video calling experience. This Modular design of the monitor makes it compatible with Lenovo's range of high-performance ThinkCentre and ThinkStation Tiny Computers from 4<sup>th</sup> Gen, and gives a complete working experience when paired with its VoIP features. This can be installed on your monitor effortlessly and housed on the back of the monitor in a dedicated slot, making your desk clutter-free. The classic installation mechanism ensures you have a consistent experience, allowing you to easily and quickly mount last-gen Tiny PCs on the monitor. Designed to be a powerful VoIP machine, this monitor is enhanced with features that make video conferencing a great experience. During online meetings, the 1080p RGB webcam and integrated noise-cancellation microphone produce exceptionally clear audio and video. TIO 22 Gen 5 also has a Smart Traffic Light indicator that alerts everyone in the vicinity to an ongoing meeting, letting you remain focused. If remaining focused and staying in the conversation is of importance to you, then the two built-in 3W speakers ensure that the audio from meetings is always clear and crisp. Easily manage VoIP calls with one toggle to change the volume or mute the call using the dedicated VoIP buttons. Your privacy is in your hands with the ThinkShutter, which allows you to cover the camera when not in its use. Navigate any content on the screen with ease using its 10-point capacitive touch capability or pen<sup>1</sup> support. Lenovo takes care of the environment with green packaging and optional CO<sub>2</sub> offset service for zero to minimal carbon emission. In addition to Tiny PCs, this monitor can also be easily connected to other notebooks, towers using the HDMI and DP ports, and to other peripherals using the USB ports. With the ThinkColour software<sup>2</sup>, customize the screen's attributes, create screen profiles, and easily switch between them as per your work preference. Protects your eyes from harmful blue light without any color distortion during long hours of screen time with the Natural Low Blue Light technology. The TIO 22 Gen 5 is the perfect option if you're looking for a clean and clutter-free setup to maximize productivity and enjoy an efficient, all-in-one experience.

## Features of ThinkCentre Tiny-In-One (TIO) 22 Gen 5 Touch



### Tiny package, max performance

The TIO 22 Gen 5 is designed to give you a modular, easy-to-upgrade, plug-and-play experience. It is compatible with Lenovo's range of ThinkCentre and ThinkStation Tiny Computers from 4<sup>th</sup> Gen. This can be installed easily and quickly, and housed at the back of the monitor in a dedicated slot, making your desk clutter-free. An unchanged installation mechanism ensures that your experience of attaching Tiny PCs to your monitor is smooth and convenient. Securing both your monitor and the Tiny Computer is also now possible using Kensington locks available.



### Meets your meeting requirements

With the TIO 22 Gen 5, all your online meetings come to life. 10-point capacitive touch capability and pen<sup>1</sup> support allow you to navigate meetings and work with ease and convenience. Dedicated VoIP buttons make getting to and managing audio on online calls very easy and convenient. You'll hear all meeting participants loud and clear on the monitor's two built-in 3W speakers. The 1080p RGB webcam module perfectly captures even the most minute expressions, ensuring that your image looks crisp and sharp to your colleagues. The Smart Traffic Light indicator ensures that you continue working without any interruptions by alerting everyone in the vicinity about an ongoing meeting.



### Naturally comfortable

The TIO 22 Gen 5's 21.5-inch FHD In-Plane Switching panel with 99% sRGB color support reproduces crisp & colorful imagery and video content. Your eyes are protected by the TÜV Rheinland Eye Comfort, TÜV Low Blue Light, and Eyesafe 2.0 certified technologies and Natural Low Blue Light technology that filters out harmful blue light during extended screen time, without any color distortion. Adjust your seating position to gain a comfortable working posture with the wider lift range and lower position functions. Keeping your workspace clutter-free is easy with the open phone rack and cable management system. Rest assured that your choice of monitor is environment friendly with its green, recycled paper packaging and optional CO<sub>2</sub> offset service.

<sup>1</sup> Selected pen. | <sup>2</sup> This software can only be used with Windows 10 & Windows 11.

# ThinkCentre Tiny-In-One (TIO) 22 Gen 5 Touch

## Display

**Panel Size**  
21.5-inch

**Screen Dimensions**  
484.5 mm x 284.5 mm

**Panel Type**  
In-Plane Switching

**Active Area**  
476.1 mm x 267.8 mm

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
1920 x 1080

**Pixel Pitch**  
0.248 mm x 0.248 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
102

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

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

**Refresh Rate**  
60 Hz

**Brightness (Typical, Panel)**  
250 cd/m<sup>2</sup>

**Brightness (Typical, Set)**  
230 cd/m<sup>2</sup>

**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 (6+FRC)

## Touch

Yes (10-point Capacitive Touch, 7H)

**Anti-glare**  
Yes

**Anti-fingerprint**  
Yes

## Connectivity

**Video Signal**  
1 x HDMI 1.4  
1 x DP 1.2

**USB Hub**  
Yes

**USB Upstream**  
1 x USB 3.2 Gen 1<sup>1</sup> Type-B

**USB Downstream**  
1 x USB 3.2 Gen 1<sup>1</sup> Type-A

## Multimedia

**Integrated Webcam**  
Yes (1080p, RGB)

**Integrated Microphone**  
Yes

**Integrated Speakers**  
Yes (2 x 3W)

## Special Features

**KVM Switch**  
Yes

**Software**  
Lenovo ThinkColour (Lenovo  
Accessories and Display Manager)<sup>2</sup>

**Natural Low Blue Light**  
Yes

**Pen/Digitizer**  
Yes (Passive)<sup>3</sup>

## Power

**Power Consumption (Typ. / Max)**  
13.4W / 33.0W

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

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

**ENERGY STAR® Power Consumption (Pon / ETEC)**  
11.2W / 38.2kWh

**Power Supply**  
External

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

## Mechanical

**Tilt Angle (Front / Back)**  
-5° / 23.5°

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

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

**Pivot**  
-5° / 90°

**VESA Mount Capability**  
Yes (100 x 100 mm)

**Kensington Lock Slot**  
Yes (2.5 mm x 6 mm and 3 mm x 7 mm)

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (Side)**  
2.0 mm

**Bezel Width (Top / Bottom)**  
2.0 / 46.0 mm

**Compatible with**  
ThinkCentre / ThinkCentre Neo /  
ThinkStation Tiny from 4<sup>th</sup> Gen

## Dimension

**Size Packed (D x H x W) (mm/inch)**  
176.0 x 422.0 x 568.0 mm  
6.93 x 16.61 x 22.36 inches

**Size Unpacked w/ Stand (Highest Position) (D x H x W) (mm/inch)**  
207.6 x 512.3 x 489.3 mm  
8.17 x 20.17 x 19.26 inches

**Size Unpacked w/ Stand (Lowest Position) (D x H x W) (mm/inch)**  
207.6 x 357.3 x 489.3 mm  
8.17 x 14.07 x 19.26 inches

**Size Unpacked w/o Stand (Head Only) (D x H x W) (mm/inch)**  
72.8 x 339.1 x 489.3 mm  
2.87 x 13.35 x 19.26 inches

**Weight Packed (kg / lbs.)**  
8.4 kg / 18.5 lbs.

**Weight Unpacked (kg / lbs.)**  
5.7 kg / 12.6 lbs.

**Weight (Monitor Head Only) (kg / lbs.)**  
3.4 kg / 7.5 lbs.

## What's in the Box

**Monitor with Stand**  
Yes

**Power Cable (Cable Length)**  
1 x Power Cable (1.0 m)

**Power Adapter (Wattage)**  
Yes (90W)

**Quick Setup Guide**  
Yes

## Certification

**ENERGY STAR® Certification**  
Yes

**CCC**  
Yes

**TCO**  
9.0

**TCO Edge**  
2.0

**EPEAT**  
Gold

**Volatile Organic Compound Certification**  
Yes

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

**Windows Certification**  
Windows 10, Windows 11

**EU Energy Level Certification**  
Yes (Level-D)

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes

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

**Eyesafe Display Certification**  
Yes (Eyesafe 2.0)



<sup>1</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.

<sup>2</sup> Formerly Lenovo Display Control Center. Supports Windows 10 & 11, Mac OS, Windows On Arm (functions vary across systems). | <sup>3</sup> Selected pen.

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technology  
for all

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