

# ThinkCentre Tiny-In-One (TIO) 24 Gen 5 Touch

Smarter technology for all

## Your modern-day multitasker.

Unparalleled collaboration. Quick installation.



The ThinkCentre Tiny-In-One (TIO) 24 Gen 5 Touch displays visuals and video content with great clarity on the 23.8-inch borderless In-Plane Switching FHD panel with 99% sRGB color support. It provides a complete working experience when paired with its VoIP features, a modular design which allows it to be attached with Lenovo's range of high-performance ThinkCentre and ThinkStation Tiny Computers from 4<sup>th</sup> Gen. These can be effortlessly installed and housed in the dedicated slot at the back of the monitor, giving you a cable-free desk. Enjoy a consistent experience while using the classic installation mechanism to quickly and easily mount Tiny PCs to the monitor. Designed for efficient remote collaboration, it has a 1080p RGB webcam with a noise-cancellation microphone for crystal-clear audio and video. Besides that, the Smart Traffic Light indicator indicates the status of an ongoing interaction or meeting, helping you avoid unforeseen distractions. Two integrated 3W user-facing speakers play the audio with amazing fidelity, making attending meetings a much more pleasant experience. Dedicated VoIP buttons allow you to easily mute or change the volume, making your remote meeting experience much more convenient. User-centric features like ThinkShutter allow you to cover your webcam lens for enhanced privacy and security. In addition, the TIO 24 Gen 5's display gives you the flexibility of using its 10-point projective capacitive touch capability or a pen<sup>1</sup> for easy navigation. Recyclable packaging and optional CO<sub>2</sub> offset service for minimal carbon emission footprint make this monitor environment-friendly. In addition to the Tiny PCs, you can also connect other laptops or towers using the HDMI and DP ports, and peripherals using the USB ports. The monitor's Natural Low Blue Light technology works to reduce the harmful blue light without any color distortion during long working hours. Customize your workstation and easily adjust its various settings using the ThinkColour Software<sup>2</sup>. In a nutshell, the TIO 24 Gen 5 helps you get a clean, clutter-free desk, collaborate seamlessly and multitask efficiently to maximize productivity.

## Features of ThinkCentre Tiny-In-One (TIO) 24 Gen 5 Touch



### Tiny Packages that pack a punch

The TIO 24 Gen 5 is a modular device that supports Lenovo's range of ThinkCentre and ThinkStation Tiny Computers from 4<sup>th</sup> Gen. You can easily and quickly attach the Tiny to the monitor and secure them in a dedicated slot on the monitor's back, offering a clutter-free desk. An unchanged installation process ensures that you have a consistent and smooth experience when attaching Tiny PCs to the monitor. Connect multiple different devices such as laptops, towers, or notebooks using the available HDMI or DP ports. Easily secure both your TIO monitor and Tiny Computer with the Kensington lock for additional security.

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



### Remote meetings at its core

The TIO 24 Gen 5 gives you plug-and-play functionality with Lenovo's Tiny PCs. A 1080p RGB webcam captures you accurately and two built-in 3W speakers help you listen to your colleagues clearly during meetings. Dedicated VoIP buttons make attending your meetings easier than ever. The menu Joystick allows you to tweak your screen's settings easily. A dedicated privacy shutter allows you to cover the camera for privacy once a meeting ends. The Smart Traffic Light indicator shows the status of an ongoing meeting to avoid potential disruptions.



### Your partner as well as nature's

Experience clear and sharp detail, and a wide field of view on the monitor's 23.8-inch FHD In-Plane Switching panel that supports a 99% sRGB color gamut. During long hours of exposure, the Eyesafe 2.0 certified technology and Natural Low Blue Light technology reduces harmful blue light without any color distortion. The TIO 24 Gen 5 also eases your physical comfort with options to lift and lower its height to match your seating position. The monitor is packaged in recycled paper and comes with the option to select a CO<sub>2</sub> offset service, which allows you to do your bit for the environment.

# ThinkCentre Tiny-In-One (TIO) 24 Gen 5 Touch

## Display

### Panel Size

23.8-inch

### Screen Dimensions

535.0 mm x 313.0 mm

### Panel Type

In-Plane Switching

### Active Area

527.0 mm x 296.4 mm

### Backlight

WLED

### Aspect Ratio

16:9

### Resolution

1920 x 1080

### Pixel Pitch

0.275 mm x 0.275 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

60Hz

### Brightness (Typical, Panel)

250 cd/m<sup>2</sup>

### Brightness (Typical, Set)

225 cd/m<sup>2</sup>

### Contrast Ratio (Typical)

1000:1

### Dynamic Contrast Ratio (Typical)

3M:1

### Color Gamut (Coverage Ratio)

99% sRGB (CIE 1931)

### Color Support (Typical)

16.7 Million

### Color Depth

8-bit

## Touch

Yes (10-point projective capacitive touch)

### Anti-glare

Yes

### Anti-fingerprint

Yes

## Connectivity

### Video Signal

1 x HDMI 1.4

1 x DP 1.2

### USB Hub

Yes

### USB Upstream

2 x USB 3.2 Gen 1<sup>1</sup>

(1 x Type-B, 1 x Type-A)

### 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 Display

Control Center)<sup>2</sup>

### Natural Low Blue Light

Yes

### Pen/Digitizer

Yes (Passtive)<sup>3</sup>

## Power

### Power Consumption Sleep/Off Mode

< 0.5W

### Power Consumption Switch-Off Mode

< 0.3W

### Power Supply

External

### Voltage Required

AC 100 to 240 V (50-60Hz)

## Mechanical

### Tilt Angle (Front / Back)

-5° / 23.5°

### Swivel Angle (Left / Right)

-45° / 45°

### Lift (Max. Range)

155 mm

### Pivot

0° / +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

### Compatible with

ThinkCentre® Tiny and

ThinkStation® Tiny from 4<sup>th</sup> Gen

## Dimension

### Size Unpacked w/ Stand (Lowest Position)

(D x H x W) (mm/inch)

257.6 x 384.6 x 539.8 mm

10.14 x 15.14 x 21.25 inches

### Size Unpacked w/ Stand (Highest Position)

(D x H x W) (mm/inch)

257.6 x 539.6 x 539.8 mm

10.14 x 21.24 x 21.25 inches

### Size Unpacked w/o Stand (Head Only)

(D x H x W) (mm/inch)

72.8 x 366.4 x 539.8 mm

2.87 x 14.43 x 21.25 inches

### Weight Unpacked (kg / lbs.)

6.3 kg/ 13.9 lbs.

### Weight (Monitor Head Only) (kg / lbs.)

4.0 kg / 8.8 lbs.

## What's in the Box

### Monitor with Stand

Yes

### Power Adapter

90W

### Power Cable (Cable Length)

1 x Power Cable (1 m)

### 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

### China Energy Efficiency Standard

Tier 2

### TÜV Rheinland Eye Comfort

Yes

### TÜV Low Blue Light (Hardware Solution)

Yes

### Eyesafe Display Certification

Yes (Eyesafe 2.0)



This datasheet is for MWC 2023 only. Images, and specs may change until the final release of the product.

<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> This software can only be used with Windows 10 & Windows 11. <sup>3</sup> Selected pen.

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technology  
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