

# ThinkCentre Tiny-In-One 22 Gen 3 10R0PAR1UK

## Product

ThinkCentre Tiny-In-One 22 Gen3

## Machine Type

10R0

## Region

EMEA

## Display Size

21.5"

## View Area

476.1 x 267.8 mm (18.74 x 10.54 inches)

## Panel

In-Plane Switching

## Aspect Ratio

16:9

## Resolution

1920x1080

## Pixel Pitch

0.24795 x 0.24795 mm

## Dot / Pixel Per Inch

102.4 dpi

## View Angle (H / V)

178 / 178

## Response Time

4 ms (Extreme mode) / 6 ms (Typical mode) / 14 ms (Off mode)

## Color Support

16.7 Million

## Refresh Rate

60 Hz

## Brightness

250 nits

## Contrast Ratio

1000:1

## Color Gamut

72%

## Curvature

None

## Anti-glare

Yes

## Video Connector

1x DP 1.2

## USB Port

1x USB 3.1 Gen 1 / USB 2.0 (only available when a Tiny is installed or a PC is connected)

## Camera

720p camera

## Microphone

Dual microphones

## Speakers

2x 2W, Stereo speakers

## Power Consumption (Typical / Maximum)

19W / 32W

## Power Adapter

90W 88% Adapter

## Stand

Tilt, Swivel, Pivot, Height Adjust Stand

## Color

Black

## Side Bezel Width

2 mm

## Dimensions with Stand (HxWxD)

489.3x273.3x370.7 mm / 19.26x10.76x14.59 inches

## Weight (Including Stand)

5.34 kg / 11.77 lbs.

## Cables Included

Undetachable 3-in-1 cable, embedded into TIO, connects to the I/Os of Tiny (Power connector, USB [supports USB 3.1 Gen 1 / USB 2.0], DisplayPort™)

## Environmental Certification

Energy Star Certified, TCO 7.0, TCO Edge 2.0, EPEAT Silver, RoHS

## Ergonomic Certification

TÜV Rheinland Low Blue Light, TÜV Rheinland Flicker Free, TÜV Rheinland Eye Comfort

## Base Warranty

3-year

## Operating System Support

Support Windows 7, Windows 10

## Sync Technology

None

## Tiny Support / CPU / Platform

Yes / None / None

## Ethernet / Bluetooth / Wireless

None / None / None

## Touch Screen / Digitizer Pen / Battery

10-point Multi-touch

## Display Ram / Storage / Card Slot

None / None / None

## EAN / UPC / JAN

0191545564888 / 191545564888 / None

## Announce Date

2017-08-17

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## PERFORMANCE

### Panel

#### Panel

In-Plane Switching (IPS)

#### Display Size

21.5 inches (546.1mm)

#### Max View Area

WxH: 476.1 x 267.8 mm (18.74 x 10.54 inches)

#### Native Resolution

1920x1080

#### Aspect Ratio

16:9

#### Pixel Pitch

0.24795 x 0.24795 mm

#### DPI

102.4 dpi

#### Brightness

250 nits

#### Contrast Ratio

1000:1

#### Pixel Response Time

4 ms (extreme mode) / 6 ms (typical mode) / 14 ms (off mode)

#### Color Gamut

72% NTSC

#### Viewing Angle

Horizontal: +/- 89°, vertical: +/- 89°

#### Anti-glare

Anti-glare

### Multi-Media

#### Camera

720p, with dual microphone and LED indicator

#### Microphone

Dual array microphone

#### Speakers

Stereo speakers, 2W x2

### Power Supply

#### Power Supply

Power	Type	Efficiency	Key Features
90W	Adapter	88%	-

#### Power Consumption

19 watts typical, 32 watts max

## DESIGN

### Menu

#### Presets and User Settings

- Presets: 25

# ThinkCentre Tiny-In-One 22 Gen 3

- User settings: 25

## On Screen Display

On screen display with digital user controls (8 languages)

## Display

### Touchscreen

(Optional)10-point multi-touch, supports Wake on Touch. ONLY for model 10R0PAT1 and 10R0PAR1.

## Mechanical

### Compatible Tiny

P330 / P320 / M920(x) / M720 / M910(x) / M710 / M900(x) / M700 / M630e / M625 / M600 / M75q / M715 / M93p / M83 / M73 / M53 / Chromebox Tiny

### Bezel Width

- Top / side: 2mm
- Bottom: 22.1mm

### Buttons

- Power button
- Exit button
- Menu button
- Mode-switching button
- Brightness button

### Cables

Undetachable 3-in-1 cable (power connector, USB [supports USB 3.1 Gen 1 / USB 2.0], DisplayPort™)

### Case Color

Black

### Dimensions (WxDxH)

Models	Dimensions
Models without stand	489 x 72.5 x 339 mm (19.26 x 2.85 x 13.35 inches)
Models with full function monitor stand	489.3 x 273.3 x 370.7 mm (19.26 x 10.76 x 14.59 inches)

### Weight

Models	Weight
Models without stand	3.19 kg (7.01 lbs)
Models with full function monitor stand	5.34 kg (11.77 lbs)

### Mounting

Supports VESA mount 100mm

### Stand

Full function monitor stand, supports -5° to +30° tilt, left & right 45° swivel, up to 150mm lift, -5° to +90° pivot

### In the Box

- TIO (monitor)
- Detachable stand
- Driver CD
- Power adapter
- Power cord
- Quick start and safety poster
- User's guide

## CONNECTIVITY

### Ports

#### Rear Ports

- 1x USB upstream port
- 1x DisplayPort
- 1x power connector

## Left Ports<sup>[1]</sup>

- 1x USB 3.1 Gen 1 (on TIO)
- Side ports offered by installed Tiny (on Tiny)

### Notes:

1. The availability and version depends on the Tiny installed or the PC connected via USB upstream port

## SERVICE

### Warranty

#### Base Warranty

3-year customer carry-in or mail-in via rapid replacement service

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- TCO Certified 7.0
- TCO edge 2.0
- TUV
- ULE Gold
- RoHS compliant
- VOC
- WEEE

### Other Certifications

#### Other Certifications

- FCC Class B
- ISO 9241-307
- TÜV Rheinland Eye Comfort Certification



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