

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

- 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^[1]

- 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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