

# ThinkCentre Tiny-in-One (TIO) 22 Gen3

Product Specifications Reference (PSREF)

Model	Non-touch model: 10R1PAR1++/10R1PAT1++; Touch model: 10R0PAR1++/10R0PAT1++			Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPI® (100mm mount)																		
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO, clean cabling and effortless setup			Adjustable stand	Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; Pivot: clockwise 0° to 90°																		
Compatible Tiny:	M910 / M710 / M900 / M700 / M600 / M715 / M93/p* / M83 / M73* / M53 / Chromebox Tiny * Non-TIO models can't be turned on by pressing power button of TIO			Power supply	90 watts AC/DC adapter, 88% PSU, universal																		
Panel	TFT-LCD, In-Plane Switching technology**, White LED backlight Notes: In-Plane Switching may refer to VA, PLS, and IPS panels			Power consumption	19 watts typical, 32 watts maximum, <0.5 watts standby / suspend																		
Viewable image size	21.5" (546.1mm) diagonal			Limited warranty	3-years, Customer Carry-In or Mail-In via Rapid Replacement Service																		
Max view area (W x H)	18.74" x 10.54" / 476.1mm x 267.8mm			VESA-compliant	VESA DDC2B/CI, VESA DPMS-compliant																		
Bezel Width	Top / Side: 2mm, Bottom: 22.1mm			Ergonomics	ISO 9241-307, TUV Eye Comfort certified																		
Native resolution	1920x1080			Emission standards	FCC Class B																		
Multi-touch	Optional 10-point multi-touch, supports Wake on Touch			Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0, EPEAT™ Gold rating, ULE Gold, TUV, VOC																		
Aspect ratio	16:9			Windows certifications	Windows 7 and Windows 10 certified																		
Pixel pitch (mm)	0.24795mm			Ship group	TIO (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster																		
Dot/Pixel per Inch	102.4 dpi			Accessories	For compatible accessories, please go to <a href="http://www.lenovoquickpick.com">http://www.lenovoquickpick.com</a>																		
Brightness	250 nits or cd/m² (typical)			<table><tr><th colspan="4">ThinkCentre Tiny-in-One 22 Gen3 Compatible list</th></tr><tr><td>Model</td><td>M910 / M710 / M900 / M700 / M600 / M715 / M83 / M53 Tiny</td><td>M93/p Tiny, M73 Tiny</td><td>Chromebox</td></tr><tr><td>Turn on TIO and Tiny together via Alt + P on USB KB</td><td>All models</td><td>All models</td><td>Not support</td></tr><tr><td>Turn on TIO and Tiny together via TIO Power Button</td><td>All models</td><td>TIO models</td><td>All models</td></tr></table>				ThinkCentre Tiny-in-One 22 Gen3 Compatible list				Model	M910 / M710 / M900 / M700 / M600 / M715 / M83 / M53 Tiny	M93/p Tiny, M73 Tiny	Chromebox	Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	Not support	Turn on TIO and Tiny together via TIO Power Button	All models	TIO models	All models
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Contrast ratio	1000:1 (typical)																						
Pixel response time	14ms (default), over drive to 4ms, 6ms																						
Color gamut	72%																						
Anti-reflective	Anti-glare																						
Viewing angle at 10:1 CR	178° (+/- 89°) horizontal, 178° (+/- 89°) vertical																						
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @ 75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz																						
Presets / user settings	Presets: 25; user settings: 25																						
On screen display	On screen display with digital user controls (8 languages)																						
Control features	Font: Exit button, Left / Mode-switching button (TIO / monitor mode), Right / Brightness button, Enter / Menu button, Power button Bottom: Volume up button, Volume down button																						
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)																						
Side ports (TIO)	One USB 3.1 Gen1 / USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port) Notes: The USB port is only available when a Tiny is istalled or a PC is connected via USB upstream port																						
Side ports (Tiny)	Side ports offered by installed Tiny (optional)																						
Rear ports	One DisplayPort in port, one USB upstream port, one power connector																						
3-in-1 Cable	Undetachable 3-in-1 cable (Power connector, USB [supports USB 3.1 Gen1 / USB 2.0], DisplayPort), only for connecting to Tiny installed (optional)																						
Camera	720p camera with dual microphone for VOIP, LED indicator																						
Internal Speaker	2 watt x2																						
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO together, more security features offered by Tiny installed (optional)																						
Mechanical	<table><tr><td>Dimensions</td><td>TIO without stand</td><td>TIO with stand</td></tr><tr><td>W x D x H (inch)</td><td>19.26 x 2.85 x 13.35</td><td>19.26 x 10.76 x 14.59 - 18.93</td></tr><tr><td>W x D x H (mm)</td><td>489.3 x 72.5 x 339</td><td>489.3 x 273.3 x 370.7 - 480.7</td></tr><tr><td>Weight (Approx.)</td><td>7.01 lb / 3.19 kg</td><td>11.77 lb / 5.34 kg</td></tr></table>			Dimensions	TIO without stand	TIO with stand	W x D x H (inch)	19.26 x 2.85 x 13.35	19.26 x 10.76 x 14.59 - 18.93	W x D x H (mm)	489.3 x 72.5 x 339	489.3 x 273.3 x 370.7 - 480.7	Weight (Approx.)	7.01 lb / 3.19 kg	11.77 lb / 5.34 kg								
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