



# ThinkCentre Tiny-in-One (TIO) 24

Product Specifications Reference (PSREF)

Model	10LLPAR6++ / 10LLPAT6++														
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 24, clean cabling and effortless setup														
Compatible Tiny:	M900 Tiny, M700 Tiny, M600 Tiny, M93/p Tiny*, M83 Tiny, M73 Tiny*, or M53 Tiny, Chromebox * Non-TIO models can't be turned on by pressing power button of TIO 24														
Panel	TFT-LCD, In-Plane Switching (IPS), White LED backlight														
Viewable image size	23.8" (604.7mm) diagonal														
Max view area (W x H)	21.06" x 12.32" / 535.0mm x 313.0mm														
Bezel Width	Top / Side: 2mm, Bottom: 16.3mm														
Optimum resolution	<b>1920x1080</b>														
Aspect ratio	16:9														
Pixel pitch (mm)	0.2745mm														
Dot/Pixel per Inch	92.6 dpi														
Brightness	250 nits or cd/m <sup>2</sup> (typical)														
Contrast ratio	1000:1 (typical)														
Pixel response time	7ms														
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	Mode-switching (TIO mode / standalone monitor mode, switches video / audio / USB input sources) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power 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)														
Front ports	Two USB 3.0 or two USB 2.0 (when M73 or M53 installed or USB 2.0 connected via USB upstream port), one headphone / microphone combo jack (3.5mm) * The USB ports are only available when a Tiny is installed or a PC is connected via USB upstream port														
Side ports	Side ports offered by installed Tiny (optional)														
Rear ports	One DisplayPort 1.2 port, one USB upstream port, one power connector														
3-in-1 Cable	Undetachable 3-in-1 cable (Power connector, USB 3.0 [supports USB 3.0/USB 2.0], DisplayPort 1.2), only for connecting to Tiny installed (optional)														
Internal Speaker	1.5 watt x1														
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny with TIO 24 together, more security features offered by Tiny installed (optional)														
Mechanical	<table border="1"> <thead> <tr> <th>Dimensions</th> <th>TIO 24 without stand</th> <th>TIO 24 with stand</th> </tr> </thead> <tbody> <tr> <td>W x D x H (inch)</td> <td>21.24 x 2.7 x 13.64</td> <td>21.24 x 9.90 x 15.16 - 19.46</td> </tr> <tr> <td>W x D x H (mm)</td> <td>539.6 x 68.2 x 346.45</td> <td>539.6 x 251.4 x 385.08 - 495.08</td> </tr> <tr> <td>Weight (approximately)</td> <td colspan="2">12.25 lb /5.57 kg (with stand)</td> </tr> </tbody> </table>			Dimensions	TIO 24 without stand	TIO 24 with stand	W x D x H (inch)	21.24 x 2.7 x 13.64	21.24 x 9.90 x 15.16 - 19.46	W x D x H (mm)	539.6 x 68.2 x 346.45	539.6 x 251.4 x 385.08 - 495.08	Weight (approximately)	12.25 lb /5.57 kg (with stand)	
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Weight (approximately)	12.25 lb /5.57 kg (with stand)														
Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)														
Adjustable stand	Tilt: 35° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°														
Power supply	90 watts AC/DC adapter, 88% PSU, universal														
Power consumption	16.7 watts typical, 35 watts maximum, <0.5 watts standby / suspend														
Limited warranty <sup>3</sup>	<b>3-years</b> , Customer Carry-In or Mail-In via Rapid Replacement Service														
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant														
Ergonomics	ISO 9241-307														
Emission standards	FCC Class B														
Environmental	TCO 7.0, TCO Edge 2.0, WEEE, RoHS, ENERGY STAR® 7.0														
Windows certifications	EPEAT™ Gold rating, ULE Gold, TUV, VOC Windows 7, Windows 8/8.1, and Windows 10 certified														
Ship group	TIO 24 (Monitor), detachable stand, AC/DC power adapter, power cord, user's guide and driver CD, quick start and safety poster														
Accessories	For compatible accessories, please go to <a href="http://www.lenovoquickpick.com">http://www.lenovoquickpick.com</a>														
<b>ThinkCentre Tiny-in-One 24 Compatible list</b>															
Model	M900 Tiny, M700 Tiny, M600 Tiny, M83 Tiny, 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												

See footnotes for more detailed information

Model	Region	Color	Display Size	Resolution	Aspect Ratio	Pixel Pitch	Dot / Pixel Per Inch	Brightness	Contrast Ratio	Pixel Response Time	Color Gamut	View Angle (H / V)	Stand	Power Consumption (Typical / Maximum)	Power Supply	Warranty	Ann Date (mm/yy)
10LLPAR6US	US	Black	23.8"	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16
10LLPAT6US	US	Black	23.8"	1920x1080	16:9	0.2745 mm	92.6 dpi	250 nits	1000:1	7 ms	72%	178 / 178	Adjustable Stand	16.7W / 35W	90W 88% Adapter	3-year	05/16