

ThinkCentre Tiny-in-One (TIO) 23

Product Specifications Reference (PSREF)

Model	10DQPAR6US			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 23, clean cabling and effortless setup			Adjustable stand	Tilt: 35° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°		
Compatible Tiny:	M93/p Tiny, M83 Tiny, M73 Tiny, or M53 Tiny * Processor, memory, storage, operating system, WLAN, Bluetooth, Keyboard, mouse, etc., depend on the Tiny installed (optional)			Power supply	90 watts AC/DC adapter, 88% PSU, universal		
				Power consumption	22 watts typical, 45 watts maximum, <0.5 watts standby / suspend		
Panel	TFT-LCD, twisted nematic (TN), White LED backlight			Limited warranty ³	3-years , Customer Carry-In Exchange (CCE) via Rapid Replacement, IWS (International Warranty Service ⁹) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet		
Viewable image size	23.0" (584.2mm) diagonal			VESA-compliant ²	VESA DDC2B/CI, VESA DPMS-compliant		
Max view area (W x H)	20.05" x 11.28" / 509.2mm x 286.4mm			Ergonomics	ISO 9241-307		
Optimum resolution	1920x1080			Emission standards	FCC Class B		
Aspect ratio	16:9			Environmental	TCO (TCO Certified Edge 1.1), WEEE, RoHS, ENERGY STAR® 6.0		
Pixel pitch (mm)	.265mm			Windows certifications	EPEAT™ Gold rating, ULE, TUV		
Dot/Pixel per Inch	96 dpi			Ship group	TIO 23 (Monitor), detachable stand, Information flyer, Reference and driver CD, AC/DC power adapter, power cord, quickly-released screw		
Brightness	250 nits or cd/m² (typical)			Accessories	For compatible accessories, please go to TC-AQP sheet		
Contrast ratio	1000:1 (typical)						
Pixel response time	5ms (typical)						
Color gamut	72%						
Anti-reflective	Anti-glare						
Horizontal frequency	30 to 83kHz						
Vertical frequency	50 to 75Hz						
Viewing angle at 10:1	CR170° (+/- 85°) horizontal, 160° (+/- 80°) 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 source) / 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)						
USB ports	Front: two USB 3.0 (only when M93/p or M83 installed) or two USB 2.0 Side: two USB 2.0, one USB 2.0 upstream port (connect to PC), one mini USB 2.0 port for accessories (on top) * The USB ports are only available when a Tiny is installed or a PC is connected via USB upstream port						
Monitor connectors	One DisplayPort port, version 1.2						
3-in-1 Cable	Undetachable 3-in-1 cable (Power connector, USB, DisplayPort), only for connecting to Tiny installed (optional)						
Audio port	one headphone / microphone combo jack (stereo, 3.5mm)						
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny and ODD box with TIO 23 together, more security features offered by Tiny installed (optional)						
Mechanical							
	Dimensions	TIO 23 without stand	TIO 23 with stand				
	W x D x H (inch)	22.17 x 2.74 x 14.88	22.17 x 9.84 x 16.15 - 20.48				
	W x D x H (mm)	563 x 69.5 x 378	563 x 250 x 410.14 - 520.14				
	Weight (approximately)	TIO 23 with stand	TIO 23 with Tiny, stand, and ODD box installed				
	lb / kg	15.4lb / 7kg	18.9lb / 8.58kg				

ThinkCentre Tiny-in-One 23 Compatible list			
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	10DQPAT6++
Product	ThinkCentre Tiny-in-One 23
Region	EMEA
Machine Type	10DQ
Color	Black
Display Size	23"
Resolution	1920x1080
Aspect Ratio	16:9
Pixel Pitch	0.265mm
Dot / Pixel Per Inch	96 dpi
Brightness	250 nits
Contrast Ratio	1000:1
Pixel Response Time	5 ms
Color Gamut	72%
View Angle (H / V)	170 / 160
Stand	Adjustable Stand
Power Comsupption (Typical / Maximum)	22W / 45W
Power Supply	90W 88% Adapter
Warranty	3-year
Ann Date (mm/yy)	10/14



