

# ThinkStation P340 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Components	Specification	Components	Specification																																																																																																																																
Form factor	1L. Optional VESA mount bracket kit, supports VESA 75mm and 100mm. Optional floor stand for vertical orientation. Optional tool-less chassis open. Optional dust filter	WLAN + Bluetooth	One dedicated M.2 slot for optional Wi-Fi card, supports one of the following: <ul style="list-style-type: none"> <li>Intel Wi-Fi 6 AX201, 2x2, 2.4GHz/5GHz (160MHz channels), WiFi 6, Bluetooth 5</li> <li>Intel Wireless-AC 9560, 2x2, 2.4GHz/5GHz (160MHz channels), 802.11ac, Bluetooth 5</li> <li>Realtek 8822CE, 2x2, 2.4GHz/5GHz, 802.11ac, Bluetooth 5</li> </ul>																																																																																																																																
Dimensions	Height: 179 mm (7.0 in). Width: 37 mm (1.5 in). Depth: 182.9 mm (7.2 in)	Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Chassis intrusion switch. Kensington slot																																																																																																																																
Weight	Maximum configuration: 3 lb (1.4kg)	Intel vPro	Supports vPro on models with the vPro enable processors vPro also requires Wi-Fi 6 AX201 if WiFi is needed																																																																																																																																
Processor	<table border="1"> <thead> <tr> <th>Processor Number</th> <th>Cores</th> <th>Threads</th> <th>Base Frequency</th> <th>Cache</th> <th>TDP</th> <th>Memory Types</th> <th>vPro</th> </tr> </thead> <tbody> <tr> <td>i9-10900T</td> <td>10</td> <td>20</td> <td>1.9GHz</td> <td>20MB</td> <td>35W</td> <td>DDR4-2933</td> <td>Yes</td> </tr> <tr> <td>i9-10900</td> <td>10</td> <td>20</td> <td>2.8GHz</td> <td>20MB</td> <td>65W</td> <td>DDR4-2933</td> <td>Yes</td> </tr> <tr> <td>i7-10700T</td> <td>8</td> <td>16</td> <td>2.0GHz</td> <td>16MB</td> <td>35W</td> <td>DDR4-2933</td> <td>Yes</td> </tr> <tr> <td>i7-10700</td> <td>8</td> <td>16</td> <td>2.9GHz</td> <td>16MB</td> <td>65W</td> <td>DDR4-2933</td> <td>Yes</td> </tr> <tr> <td>i5-10600T</td> <td>6</td> <td>12</td> <td>2.4GHz</td> <td>12MB</td> <td>35W</td> <td>DDR4-2666</td> <td>Yes</td> </tr> <tr> <td>i5-10600</td> <td>6</td> <td>12</td> <td>3.3GHz</td> <td>12MB</td> <td>65W</td> <td>DDR4-2666</td> <td>Yes</td> </tr> <tr> <td>i5-10500T</td> <td>6</td> <td>12</td> <td>2.3GHz</td> <td>12MB</td> <td>35W</td> <td>DDR4-2666</td> <td>Yes</td> </tr> <tr> <td>i5-10500</td> <td>6</td> <td>12</td> <td>3.1GHz</td> <td>12MB</td> <td>65W</td> <td>DDR4-2666</td> <td>Yes</td> </tr> <tr> <td>i5-10400T</td> <td>6</td> <td>12</td> <td>2.0GHz</td> <td>12MB</td> <td>35W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i5-10400</td> <td>6</td> <td>12</td> <td>2.9GHz</td> <td>12MB</td> <td>65W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i3-10320</td> <td>4</td> <td>8</td> <td>3.8GHz</td> <td>8MB</td> <td>65W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i3-10300T</td> <td>4</td> <td>8</td> <td>3.0GHz</td> <td>8MB</td> <td>35W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i3-10300</td> <td>4</td> <td>8</td> <td>3.7GHz</td> <td>8MB</td> <td>65W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i3-10100T</td> <td>4</td> <td>8</td> <td>3.0GHz</td> <td>6MB</td> <td>35W</td> <td>DDR4-2666</td> <td>No</td> </tr> <tr> <td>i3-10100</td> <td>4</td> <td>8</td> <td>3.6GHz</td> <td>6MB</td> <td>65W</td> <td>DDR4-2666</td> <td>No</td> </tr> </tbody> </table>	Processor Number	Cores	Threads	Base Frequency	Cache	TDP	Memory Types	vPro	i9-10900T	10	20	1.9GHz	20MB	35W	DDR4-2933	Yes	i9-10900	10	20	2.8GHz	20MB	65W	DDR4-2933	Yes	i7-10700T	8	16	2.0GHz	16MB	35W	DDR4-2933	Yes	i7-10700	8	16	2.9GHz	16MB	65W	DDR4-2933	Yes	i5-10600T	6	12	2.4GHz	12MB	35W	DDR4-2666	Yes	i5-10600	6	12	3.3GHz	12MB	65W	DDR4-2666	Yes	i5-10500T	6	12	2.3GHz	12MB	35W	DDR4-2666	Yes	i5-10500	6	12	3.1GHz	12MB	65W	DDR4-2666	Yes	i5-10400T	6	12	2.0GHz	12MB	35W	DDR4-2666	No	i5-10400	6	12	2.9GHz	12MB	65W	DDR4-2666	No	i3-10320	4	8	3.8GHz	8MB	65W	DDR4-2666	No	i3-10300T	4	8	3.0GHz	8MB	35W	DDR4-2666	No	i3-10300	4	8	3.7GHz	8MB	65W	DDR4-2666	No	i3-10100T	4	8	3.0GHz	6MB	35W	DDR4-2666	No	i3-10100	4	8	3.6GHz	6MB	65W	DDR4-2666	No	Systems management	Intel Active Management Technology 14 on vPro models, Intel Standard Manageability on other models
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Chipset	Intel Q470 Chipset	Base warranty	Most models comes with 3-year limited onsite service with 9x5/NBD. Other models may have 1 or 2-year limited onsite service																																																																																																																																
Memory Sockets	2 DIMM sockets	HD Audio	Intel HD Audio interface with Realtek ALC233 Codec																																																																																																																																
Memory Types	4GB/8GB/16GB/32GB DDR4-2933 SoDIMM non-ECC	Optical	Optional one 9.0mm optical drive via optical drive kit, DVD-ROM or DVD±RW.																																																																																																																																
Memory Capacity	64GB (2x 32GB)	Front standard ports	1x USB-A 3.2 Gen 2 (charging). 1x USB-C 3.2 Gen 1. 1x Combo jack																																																																																																																																
Memory Protection	None	Rear standard ports	2x USB-A 3.2 Gen 2. 2x USB-A 3.2 Gen 1 (one supports smart power-on). 1x RJ-45. 1x DP. 1x HDMI. 1x security-lock slot																																																																																																																																
Expansion slots	One PCIe slot via specific riser card: PCIe 3.0 x16 (negotiable link width x8) and low profile for discrete graphics card; PCIe 3.0 x4 and low profile for ethernet adapter and Thunderbolt adapter	Optional rear ports	Reserved area for two optional ports. Ports 1 supports one of the following: <ul style="list-style-type: none"> <li>1x USB-C, also supports DP function</li> <li>1x COM</li> <li>1x VGA</li> <li>1x DP</li> <li>1x HDMI</li> </ul> Port 2 supports 2nd COM. Also supports optional Thunderbolt via PCIe adapter and Wi-Fi antenna slot																																																																																																																																
Processor graphics	Integrated Intel UHD Graphics 630. Works along with discrete graphics to support multi-display	Temperature	Operating: 50 °F to 95 °F (10 °C to 35 °C) Non operating (no package): 14 °F to 140 °F (-10 °C to 60 °C) Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C)																																																																																																																																
Discrete Graphics Offering	<table border="1"> <thead> <tr> <th>Graphics</th> <th>Memory</th> <th>Power</th> <th>Connector</th> <th>Max Qty</th> </tr> </thead> <tbody> <tr> <td>Quadro P620</td> <td>2GB GDDR5</td> <td>40W</td> <td>4x miniDP</td> <td>1</td> </tr> <tr> <td>Quadro P1000</td> <td>4GB GDDR5</td> <td>50W</td> <td>4x miniDP</td> <td>1</td> </tr> </tbody> </table>	Graphics	Memory	Power	Connector	Max Qty	Quadro P620	2GB GDDR5	40W	4x miniDP	1	Quadro P1000	4GB GDDR5	50W	4x miniDP	1	Altitude	Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft). Storage: -15.2 m (-50 ft) to 10, 668 m (35 000 ft)																																																																																																																	
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Storage Controller	Supports M.2 SSD RAID 0 / 1, for special bids only	Humidity	Operating: 20%–80%, non-condensing Storage (with package): 20%–90%, non-condensing																																																																																																																																
Storage Support	<table border="1"> <thead> <tr> <th>Disk Type</th> <th>Interface</th> <th>RPM</th> <th>Offering</th> <th>Max Qty</th> </tr> </thead> <tbody> <tr> <td>M.2 PCIe SSD</td> <td>PCIe NVMe</td> <td>-</td> <td>256GB/512GB/1TB/2T</td> <td>2</td> </tr> </tbody> </table>	Disk Type	Interface	RPM	Offering	Max Qty	M.2 PCIe SSD	PCIe NVMe	-	256GB/512GB/1TB/2T	2	MIL-SPEC	Certified																																																																																																																						
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Storage Bays	Two M.2 slots for M.2 SSD	Environmental certification	RoHS-compliant. GREENGUARD. EPEAT Silver rating and ENERGY STAR 8 qualified																																																																																																																																
Media reader	None	Power supply	<ul style="list-style-type: none"> <li>170W power adapter, 100V - 240V, 89% PSU</li> <li>230W power adapter, 100V - 240V, 89% PSU</li> </ul>																																																																																																																																
Network interfaces	One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available	ISV certifications	Please visit <a href="http://www.thinkworkstations.com/isv-certifications/">www.thinkworkstations.com/isv-certifications/</a>																																																																																																																																