

# Ideacentre T540-15ICB G Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th or 9th Gen Intel® Core™ i3 / i5 / i7 Processor						Security chip	None
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Security features	Power-on password, administrator password
	Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630	Keyboard	Lenovo Calliope Keyboard (USB connector), black
	Core i3-9100	4 / 4	3.6G / 4.2G	6 MB	DDR4-2400	UHD 630	Mouse	Lenovo Calliope Mouse (USB connector), black
	Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630	Mechanical	<ul style="list-style-type: none"> <li>• Tower (15L), mineral grey, metal case</li> <li>• (WxDxH) with bezel: 5.7" x 11.9" x 14.4"; 145mm x 302.7mm x 366mm</li> <li>• Approx 13.75 lb (6.24 kg), weight may vary by configuration</li> <li>• Optional rear system fan, 65W Air-Cooler for CPU</li> <li>• Bay 1: 3.5", HDD internal bay</li> <li>• Slot 1: full-length half-height, PCIe 3.0 x16</li> <li>• Slot 2: full-length half-height, PCIe 3.0 x1</li> <li>• M.2 card slots: one for WLAN, one for M.2 SSD / Optane</li> </ul>
	Core i5-9400	6 / 6	2.9G / 4.1G	9 MB	DDR4-2666	UHD 630		
	Core i5-9400F	6 / 6	2.9G / 4.1G	9 MB	DDR4-2666	-		
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630			
Core i7-9700	8 / 8	3.0G / 4.7G	12 MB	DDR4-2666	UHD 630			
Memory	32GB max, UDIMM, DDR4-2666, two 288-pin DIMM sockets * System automatically clocks down for the processors with lower memory controller						Power supply	Some: 210 watts, autosensing, 85% PSU Some: 310 watts, autosensing, 92% PSU
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s <i>Some:</i> Intel Optane™ Memory, PCIe 3.0 x4, 32Gb/s, M.2 <i>Some:</i> Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4 * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s <i>Optional:</i> 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2						Limited warranty	Some: <b>1-year</b> or <b>2-year, depot repair service</b> / service upgrades available Some: <b>1-year, mail-in repair service</b> / service upgrades available
Optane Memory	None						Preload	<b>Preloaded operating system</b> Windows 10 Home 64-bit Windows 10 Pro 64-bit <b>Preloaded applications (only some listed)</b> <ul style="list-style-type: none"> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• Lenovo® Vantage</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> <li>• Microsoft® LinkedIn</li> </ul>
Optical (opt)	None							
Onboard SATA	Three onboard SATA 6.0Gb/s connectors							
Media reader	7-in-1 media reader (SD / SDHC / SDXC / MMC plus / MMC / MS / MS_Pro)						Environment	ENERGY STAR® 7.1; ErP Lot 3; RoHS-compliant
Graphics	<b>Intel UHD Graphics 630</b> in processor, one HDMI, uses main memory, DirectX® 12; <i>Some:</i> <b>NVIDIA® GeForce GTX 1050 Ti, 4GB GDDR5</b> , DirectX 12, one DVI, one HDMI, one DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz <i>Some:</i> <b>NVIDIA GeForce GTX 1650, 4GB GDDR5</b> , DirectX 12, VR ready, one HDMI, two DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; <i>Some:</i> <b>NVIDIA GeForce GTX 1660, 6GB GDDR6</b> , DirectX 12, VR ready, one DVI, one HDMI, one DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz <i>Some:</i> <b>NVIDIA GeForce GTX 1660 Ti, 6GB GDDR6</b> , DirectX 12, VR ready, one DVI, one HDMI, one DP; <i>Max resolution:</i> 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2560x1600 (DVI)@60Hz						Accessories	For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>
Chipset	<b>Intel B360 platform</b>							
Front ports*	Two USB 3.1 Gen1, two USB 3.1 Gen2, one USB 3.0 Type-C, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm), media reader							
Rear ports*	Four USB 2.0, one ethernet (RJ-45), one HDMI, one VGA, power connector, one line-out audio jack (3.5mm)							
IEEE 1394	None * Depending on many factors, actual data transfer speed may be lower than theoretical speed							
Audio support	High Definition (HD) Audio, Realtek ALC233 / Dolby Atoms® Audio							
WLAN (opt)	Some: 11ac Wi-Fi + Bluetooth 4.2 combo adapter, M.2 card, 1x1 Some: 11ac Wi-Fi + Bluetooth 4.2 combo adapter, M.2 card, 2x2							
Bluetooth™ (opt)	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	Gigabit Ethernet connection							
Modem	None							

Note: The specifications above may not be available in all regions.

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