

# ideacentre A540-27ICB Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel Pentium Gold Processor or 9th Generation Intel Core i3 / i5 / i7 Processors						Remote control	None														
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Security	Power-on password, administrator password														
	Pentium Gold G5420T	2 / 4	3.2 GHz	4 MB	DDR4-2400	Intel UHD Graphics 610	Security chip	None														
	Core i3-9100T	4 / 4	3.1 GHz / 3.7 GHz	6 MB		Intel UHD Graphics 630	Mechanical	<ul style="list-style-type: none"> <li>Mineral grey</li> <li>Optional wireless charging pad for mobile phones use</li> </ul>														
	Core i5-9400T	6 / 6	1.8 GHz / 3.4 GHz	9 MB	DDR4-2666	Intel UHD Graphics 630		<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Touch model</td> <td>24.2 X 7.87 X 18.97 (inch); 614.8 x 200 x 481.81 (mm)</td> <td>23.99 / 10.88</td> <td>Tilt: 25° back, -5° forward</td> </tr> <tr> <td>Non-Touch model</td> <td>24.2X 7.87 X 18.74 (inch); 614.8 x 200 x 476.03 (mm)</td> <td>20.43 / 9.27</td> <td>Tilt: 25° back, -5° forward</td> </tr> </tbody> </table>					Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Touch model	24.2 X 7.87 X 18.97 (inch); 614.8 x 200 x 481.81 (mm)	23.99 / 10.88	Tilt: 25° back, -5° forward	Non-Touch model	24.2X 7.87 X 18.74 (inch); 614.8 x 200 x 476.03 (mm)	20.43 / 9.27
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Core i7-9700T	8 / 8	2.0 GHz / 4.3 GHz	12 MB																			
Chipset	Intel B360 platform						Power adapter	Some: 120 watts PSU, 100V-240V														
Memory	16GB max / 2666MHz DDR4, two SO-DIMM sockets * System automatically clocks down for the processors with lower memory controller							Some: 150 watts PSU, 100V-240V Some: 170 watts PSU, 100V-240V														
Graphics	Some: Intel UHD Graphics 610 / 630 in processor Some: AMD Radeon™ 560X, 4GB GDDR5, DirectX® 12 external monitor support via HDMI port; Max resolution: 4096x2160@60Hz						Camera	Some: 1080p, fixed focus Some: 1080p + IR camera														
Storage	Some: SATA 6.0Gb/s, 2.5" wide, 5400 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe) Some: Intel Optane™ Memory, M.2						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), black Some: Lenovo Calliope Wireless Keyboard, black or Grey Some: Lenovo Premium Calliope Wireless Keyboard, Grey														
SATA Controller	Serial ATA, SATA 6.0Gb/s support						Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), black Some: Lenovo Calliope Wireless Mouse, black or Grey Some: Lenovo Premium Calliope Wireless Mouse, Grey														
Optical (opt)	USB, DVD±RW, 9.0mm high, tray-in							Limited warranty	Some: 1-year, limited mail-in service / service upgrades available Some: 1-year or 2-year, depot repair service / service upgrades available													
Media reader	3-in-1 reader (SD, SDHC, SDXC)						Preload	Windows® 10 Home 64 Preinstalled software includes but not limited to the following: • Lenovo® Vantage • Microsoft Office Trial • LinkedIn® • PowerDVD/Power2Go • McAfee® LiveSafe™ (30-day trial)														
Ports*	<i>Rear:</i> Two USB 2.0, one USB-C 3.1 Gen1, Ethernet (RJ-45), HDMI-out, HDMI-in <i>Bottom:</i> Power connector <i>Left:</i> Two USB 3.1 Gen2, headphone / microphone combo jack (3.5mm), media card reader * Depending on many factors, actual data transfer speed may be lower than theoretical speed							Environment	ErP Lot 3 & Lot 6 & Lot 7, RoHS-compliant, GREENGUARD certified;													
TV tuner	None								WLAN	11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card												
Audio support	HD Audio, JBL speakers, 3W x 2 + 5W woofer, dual array microphone						Bluetooth			Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter												
Display	27" (685mm) QHD (2560x1440) color, IPS, LED backlight, 250 nits borderless, 16:9 aspect ratio							Ethernet		Gigabit Ethernet connection												
Multi-touch (opt)	Support 10-point touch																					
Light sensor	None																					
Controls	HDMI in/out switcher, Power button																					

Note: The specifications above may not be available in all regions and might change by regions

Lenovo  
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