ideacentre T540-15ICB G 90L1009AIX

Product
ideacentre T540-15ICB G

Region
WE

Country/Region
Italy

Machine Type
90L1

Processor
Intel Core i5-9400 (6C / 6T, 2.9 / 4.1GHz, 9MB)

Graphics
NVIDIA GeForce GTX 1660 Ti 6GB GDDR6

Chipset
Intel B360

Memory
1x 8GB DIMM DDR4-2666

Storage
256GB SSD M.2 2280 PCIe NVMe + 1TB HDD 7200rpm 3.5"

Optane Memory
None

Optical
None

Media Reader
None

WLAN + Bluetooth
11ac, 1x1 + BT4.0

Keyboard
USB Calliope Keyboard, Black, Italian

Mouse
USB Calliope Mouse, Black

System Fan
One Rear

Power Supply
310W Energy Star

Operating System
Windows 10 Home 64, Italian / English

Color
Grey

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
194552073190

End of Support
2020-08-17

Announce Date
2019-07-17

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ideacentre T540-15ICB G Platform Specifications

Processor

8th or 9th Gen Intel® Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-9100	4 / 4	3.6G / 4.2G	6 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
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

Storage

Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s
Some: Intel Optane™ Memory, PCIe 3.0 x4, 32Gb/s, M.2
Some: 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

Optane Memory

Optional: 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2

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)

Graphics

Intel UHD Graphics 630 in processor, one HDMI, uses main memory, DirectX® 12;
Some: **NVIDIA® GeForce GTX 1050 Ti**, **4GB GDDR5**, DirectX 12, one DVI, one HDMI, one DP;
Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz
Some: **NVIDIA GeForce GTX 1650**, **4GB GDDR5**, DirectX 12, VR ready, one HDMI, two DP;
Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz;
Some: **NVIDIA GeForce GTX 1660**, **6GB GDDR6**, DirectX 12, VR ready, one DVI, one HDMI, one DP;
Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz; 2560x1600 (DVI)@60Hz
Some: **NVIDIA GeForce GTX 1660 Ti**, **6GB GDDR6**, DirectX 12, VR ready, one DVI, one HDMI, one DP;
Max resolution: 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2560x1600 (DVI)@60Hz

Chipset

Intel B360 platform

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

Security chip

None

Security features

Power-on password, administrator password

Keyboard

Lenovo Calliope Keyboard (USB connector), black

Mouse

Lenovo Calliope Mouse (USB connector), black

Mechanical

- Tower (15L), grey color, metal case
- *(WxDxH) with bezel:* 5.7" x 11.9" x 14.4"; 145mm x 302.7mm x 366mm
- Approx 13.75 lb (6.24 kg), weight may vary by configuration
- Optional rear system fan, 65W Air-Cooler for CPU

Bay 1: 3.5", HDD internal bay
Slot 1: full-length half-height, PCIe 3.0 x16
Slot 2: full-length half-height, PCIe 3.0 x1
M.2 card slots: one for WLAN, one for M.2 SSD / Optane

Power supply

Some: 210 watts, autosensing, 85% PSU
Some: 310 watts, autosensing, 92% PSU

Limited warranty

*Some:***1-year** or **2-year, depot repair service** / service upgrades available
*Some:***1-year, mail-in repair service** / service upgrades available

Preload

Preloaded operating system
Windows 10 Home 64-bit
Windows 10 Pro 64-bit
Preloaded applications (only some listed)

- Microsoft Office preloaded; purchase a product key to activate
- Lenovo® Vantage
- McAfee® LiveSafe™ (30-day trial)
- Microsoft® LinkedIn

Environment

ENERGY STAR® 7.1; ErP Lot 3; RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

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

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