ideacentre A540-24ICB Platform Specifications

Processor

Intel Pentium Gold Processor or 9th Generation Intel Core i3 / i5 /i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Pentium Gold G5420T	2 / 4	3.2 GHz	4 MB	DDR4-2400	Intel UHD Graphics 610
Core i3-9100T	4 / 4	3.1 GHz / 3.7 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630
Core i5-9400T	6 / 6	1.8 GHz / 3.4 GHz	9 MB		
Core i7-9700T	8 / 8	2.0 GHz / 4.3 GHz	12 MB		

Chipset
Intel B360 platform

Memory
16GB max / 2666MHz DDR4, two SO-DIMM sockets
* System automatically clocks down for the processors with lower memory controller

Graphics
Some: Intel UHD Graphics 610 / 630 in processor
Some: AMD Radeon™ 540X, 2GB GDDR5, DirectX® 12
external monitor support via HDMI port;
Max resolution: 1920x1080 (HDMI)@60Hz

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

SATA Controller
Serial ATA, SATA 6.0Gb/s support

Optical *(opt)*
USB, DVD±RW, 9.0mm high, tray-in

Media reader
3-in-1 reader (SD, SDHC, SDXC)

Ports*
Rear: Two USB 2.0, one USB 3.1 Gen2, Ethernet (RJ-45), HDMI-out, HDMI-in
Bottom: Power connector
Left: 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*

TV tuner
None

Audio support
HD Audio, JBL speakers，3W x 2 + 5W woofer, dual array microphone

Display
23.8" (604.5mm) FHD (1920x1080) color, IPS, LED backlight, 250 nits
3 sides borderless, 16:9 aspect ratio

Multi-touch *(opt)*
Support 10-point touch

Light sensor
None

Controls
HDMI in/out switcher, Power button

WLAN
11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card

Bluetooth™
Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet
Gigabit Ethernet connection

Remote control
None

Security
Power-on password, administrator password

Security chip
None

Mechanical
- black color
- Wireless charging pad for mobile phones use

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
With stand	17.75 X 7.28 X 17.13 (inch); 450.9 x 185 x 435.19 (mm)	23.14 / 10.5	Tilt: 25° back, -5° forward

Power adapter
Some: 90 watts PSU, 100V-240V
Some: 120 watts PSU, 100V-240V
Some: 150 watts PSU, 100V-240V

Camera
Some: 1080p HD, fixed focus
Some: IR camera

Keyboard *(opt)*
Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard, black or silver
Some: Lenovo Premium Wireless Keyboard, grey

Mouse *(opt)*
Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse, black or silver
Some: Lenovo Premium Wireless Mouse, grey

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

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)

Environment
ENERGY STAR® 7.0; ErP Lot 3 & Lot 6 & Lot 7, RoHS-compliant, GREENGUARD® certified;

© Lenovo
July 2019