ideacentre AIO 520 (27") Platform Specifications

Processor — 7th Generation Intel® Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics
Core i3-7100T	2 / 4	3.4 GHz	3 MB	DDR4-2400	Intel HD Graphics 630
Core i5-7400T	4 / 4	2.4 GHz / 3.0 GHz	6 MB		
Core i7-7700T	4 / 8	2.9 GHz / 3.8 GHz	8 MB		

Chipset — Intel B250 chipset

Memory — 16GB max / 2400MHz DDR4, two SO-DIMM sockets

Graphics
- *Some:* Intel HD Graphics 630 in processor
- *Some:* NVIDIA® GeForce® 940MX, 2GB GDDR5, DirectX 12

Storage
- *Some:* SATA 6.0Gb/s, 3.5" wide, 7200 rpm
- *Some:* M.2 SSD / PCIe, PCIe 3.0 x 4
- *Some:* Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2

SATA Controller — Serial ATA, SATA 6.0Gb/s support

Optical *(opt)* — SATA connector, DVD±RW, 9.0mm high, tray-in

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

Ports — USB 2.0 x 2, power connector, Ethernet (RJ-45), HDMI-in, HDMI-out, USB 3.0 x 2, combo audio jack (bottom), security cable slot, Type-C port x 1 (USB 3.1 Gen 1 / Always On Charging)

TV tuner — None

Audio support — HD Audio, stereo speakers with Dolby Premium™ certification, 3W x 2, dual array microphone

Display — 27" (685mm) QHD (2560x1440) color, WVA, LED backlight, frameless 16:9 aspect ratio, 350 nits, borderless

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

Light sensor — None

Controls — Power button, optional optical drive eject button, cable clip, camera eject 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 slot

Security chip — None

Dimensions
Touch model
WxDxH: 24.58" x 2.68" x 18.87"; 624.35mm x 68mm x 479.4mm
Non-Touch model
WxDxH: 24.21" x 2.52" x 18.69"; 615mm x 64mm x 474mm

Weight (net)
Touch model: 23.15 lb (10.5 kg)
Non-Touch model: 19.5 lb (8.83 kg)

Case color — Black or silver

Stand — Adjustable monitor stand, from -5° degrees to 25° degrees

VESA mount — None

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

Camera
- *Some:* 1080p HD, fixed focus
- *Some:* IR camera, 1080p, (support Windows Hello)

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

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

Limited warranty — 1-year, limited Mail-in service / service upgrades available

Preload — Windows® 10 Home 64
Preinstalled software includes but not limited to the following:
- Lenovo® Companion 3.0
- Lenovo ID
- Lenovo Settings
- Lenovo Rescue System 9.0
- McAfee® LiveSafe™ (30-day trial)

Environment — RoHS-compliant; ENERGY STAR® 6.1

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