ideacentre AIO 520-27ICB Platform Specifications

Product Specifications Reference (PSREF)

Processor

8th Generation Intel Core i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics
Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB	DDR4-2666	Intel UHD Graphics 630
Core i7-8700T	6 / 12	2.4 GHz / 4.0 GHz	12 MB		

Chipset
Intel B360 platform

Memory
16GB max / 2666MHz DDR4, two SO-DIMM sockets

Graphics
Some: Intel HD Graphics 610 / 630 in processor, DirectX® 12
Some: Intel UHD Graphics 630 in processor, DirectX® 12
Some: NVIDIA® GeForce® 940MX, 2GB GDDR5, DirectX 12
Some: AMD Radeon™ RX 550, 4GB 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 , 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*
Rear: Two USB 2.0, one USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1 (Always On), one ethernet (RJ-45), one HDMI-out port, optional one HDMI-in port, one power connector, one security cable slot
Right: one USB 3.1 Gen1
Bottom: one headphone / microphone combo jack (3.5mm), card reader
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

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, 250 nits, IPS, borderless, anti-glare (only for non-touch model)

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

Mechanical
- silver color

Non-touch model	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand	24.21 X 4.99 X 15.25 (inch); 615 x 126.61 x 387.25 (mm)	N/A	N/A
With stand	24.21 X 9.96 X 18.7 (inch); 615 x 252.85 x 474.9 (mm)	19.47 / 8.83	Tilt: 25° back, -5° forward

Multi-touch model	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand	24.21 X 4.99 X 15.88 (inch); 624.65 x 127.71 x 403.45 (mm)	N/A	N/A
With stand	24.59 X 9.96 X 18.89 (inch); 624.65 x 252.85 x 479.79 (mm)	23.15 / 10.5	Tilt: 25° back, -5° forward

Power adapter
120 or 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
Some: 1-year, limited mail-in service / service upgrades available
Some: 1-year or 2-year, depot repair service / service upgrades available

Preload
Some: Windows® 10 Home 64
Some: Windows 10 pro 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
ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant

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