ideacentre AIO 520 (27") Intel F0DE007QGE

Product
ideacentre AIO 520-27ICB

Region
WE

Country
Germany

Machine Type
F0DE

Processor
Core i5-8400T (6C, 1.7 / 3.3GHz, 9MB)

Graphics
Integrated Intel UHD Graphics 630

Chipset
Intel B360

Memory
8GBx1 DDR4-2666

Storage
512GB SSD M.2 PCIe NVMe

Optical
DVD±RW

Media Reader
3-in-1

Display
27" QHD (2560x1440) IPS

Multi-touch
None

Camera
1080p

Microphone
Dual Array

HDMI
HDMI-in

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

Keyboard / Mouse
USB Silver / USB Silver

Power Supply
120W Adapter

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
10/18

Note:
* Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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ideacentre AIO 520 (27") Intel Platform Specifications

Processor

27IKL: Intel® Pentium® Processor or 7th Generation Intel Core™ i3 / i5 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics
Pentium G4560T	2 / 4	2.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 610
Core i3-7100T		3.4 GHz			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		

27ICB: 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
27IKL: Intel B250 platform
27ICB: Intel B360 platform

Memory
27IKL: 16GB max / 2400MHz DDR4, two SO-DIMM sockets
27ICB: 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 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)* 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

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
27IKL: ENERGY STAR® 6.1; GREENGUARD® certified; ErP Lot 3; RoHS-compliant
27ICB: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant

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