

ideacentre AIO 520 (27") Intel F0DE005NGE

Region
WE

Country
Germany

Machine Type
F0DE

Processor
Core i7-8700T (6C, 2.4 / 4.0GHz, 12MB)

Graphics
Integrated Intel UHD Graphics 630

Chipset
Intel B360

Memory
16GBx1 DDR4-2666

Storage
2TB 7200rpm + 256GB SSD M.2 PCIe NVMe

Optical
DVD±RW

Media Reader
3-in-1

Display
27" QHD (2560x1440) IPS

Multi-touch
10-point Multi-touch

Camera
1080p

Microphone
Dual Array

HDMI
HDMI-in

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

Keyboard / Mouse
2.4G Black / 2.4G Black

Power Supply
120W Adapter

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
07/18

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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Lenovo

ideacentre AIO 520 (27") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	27IKL: Intel® Pentium® Processor or 7th Generation Intel Core™ i3 / i5 Processors						WLAN Bluetooth™ Ethernet Remote control Security Security chip Mechanical		11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit Ethernet connection					
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics			None Power-on password, administrator password, security slot None					
	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										● silver color			
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics			Non-touch model Dimensions (WxDxH) Max weight (lb / kg) Adjustments					
	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								Multi-touch model Dimensions (WxDxH) Max weight (lb / kg) Adjustments					
Memory	27IKL: 16GB max / 2400MHz DDR4, two SO-DIMM sockets 27ICB: 16GB max / 2666MHz DDR4, two SO-DIMM sockets								Without stand Dimensions (WxDxH) Max weight (lb / kg) Adjustments					
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								With stand Dimensions (WxDxH) Max weight (lb / kg) Adjustments					
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						Power adapter		120 or 150 watts PSU, 100V-240V					
SATA Controller	Serial ATA, SATA 6.0Gb/s support						Camera		Some: 1080p HD, fixed focus Some: IR camera, 1080p, (support Windows Hello)					
Optical (opt)	SATA connector, DVD±RW, 9.0mm high, tray-in						Keyboard (opt)		Some: Lenovo Calliope Keyboard (USB connector), black or silver Some: Lenovo Calliope Wireless Keyboard, black or silver					
Media reader	3-in-1 reader (SD, SDHC, SDXC) (bottom)						Mouse (opt)		Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Calliope Wireless Mouse, black or silver					
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					Limited warranty		Some: 1-year, limited mail-in service / service upgrades available Some: 1-year or 2-year, depot repair service / service upgrades available					
	Right:	one USB 3.1 Gen1					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)					
TV tuner	Bottom:	one headphone / microphone combo jack (3.5mm), card reader					Environment		27IKL: ENERGY STAR® 6.1; GREENGUARD® certified; ErP Lot 3; RoHS-compliant 27ICB: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant					
	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													

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