

ideacentre AIO 520 (27") Intel F0DE0094PB

Product

ideacentre AIO 520-27ICB

Region

EET

Country

Poland

Machine Type

F0DE

Processor

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

Graphics

AMD Radeon RX 550 4GB GDDR5

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

2.4G Silver / 2.4G Silver

Power Supply

150W Adapter

Operating System

Windows 10 Home 64

Color

Silver

Warranty

2-year, Depot

Ann Date (mm/yy)

11/18



WWW.LENOVO.COM

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<http://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



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						Remote control Security chip	None Power-on password, administrator password, security slot None																											
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics		Mechanical ● silver color <table><tr><td>Non-touch model</td><td>Dimensions (WxDxH)</td><td>Max weight (lb / kg)</td><td>Adjustments</td></tr><tr><td>Without stand</td><td>24.21 X 4.99 X 15.25 (inch); 615 x 126.61 x 387.25 (mm)</td><td>N/A</td><td>N/A</td></tr><tr><td>With stand</td><td>24.21 X 9.96 X 18.7 (inch); 615 x 252.85 x 474.9 (mm)</td><td>19.47 / 8.83</td><td>Tilt: 25° back, -5° forward</td></tr></table> <table><tr><td>Multi-touch model</td><td>Dimensions (WxDxH)</td><td>Max weight (lb / kg)</td><td>Adjustments</td></tr><tr><td>Without stand</td><td>24.21 X 4.99 X 15.88 (inch); 624.65 x 127.71 x 403.45 (mm)</td><td>N/A</td><td>N/A</td></tr><tr><td>With stand</td><td>24.59 X 9.96 X 18.89 (inch); 624.65 x 252.85 x 479.79 (mm)</td><td>23.15 / 10.5</td><td>Tilt: 25° back, -5° forward</td></tr></table>				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
	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																																
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							Power adapter	120 or 150 watts PSU, 100V-240V																											
Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Camera Keyboard (opt) Mouse (opt) Limited warranty Preload Environment		Some: 1080p HD, fixed focus Some: IR camera, 1080p, (support Windows Hello) Some: Lenovo Calliope Keyboard (USB connector), black or silver Some: Lenovo Calliope Wireless Keyboard, black or silver Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Calliope Wireless Mouse, black or silver Some: 1-year, limited mail-in service / service upgrades available Some: 1-year or 2-year, depot repair service / service upgrades available 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) 27IKL: ENERGY STAR® 6.1; GREENGUARD® certified; ErP Lot 3; RoHS-compliant 27ICB: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant																											
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, 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																																	
TV tuner	Right:	one USB 3.1 Gen1																																	
	Bottom:	one headphone / microphone combo jack (3.5mm), card reader																																	
	None																																		
							* Depending on many factors, actual data transfer speed may be lower than theoretical speed																												
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																																		

Lenovo™

ideacentre AIO 520 (27") Intel

