ideacentre AIO 520-27ICB F0DE00CRIX

Product
ideacentre AIO 520-27ICB

Region
WE

Country/Region
Italy

Machine Type
F0DE

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

Graphics
AMD Radeon RX 550 4GB GDDR5

Chipset
Intel B360

Memory
1x 8GB DIMM DDR4-2666

Storage
512GB SSD M.2 2242 PCIe + 1TB HDD 7200rpm 3.5"

Optane Memory
None

Optical
None

Media Reader
3-in-1

Display
27" QHD (2560x1440)

Multi-touch
None

Camera
IR Camera

Microphone
2x, Array

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

Keyboard
USB Calliope Keyboard, Silver, Italian

Mouse
USB Calliope Mouse, Silver

Power Supply
150W Adapter

Operating System
Windows 10 Home 64, Italian / English

Color
Silver

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
193638194606

End of Support
2020-06-28

Announce Date
2019-05-28

Recommended Services

Best
3Y Onsite upgrade from 2Y Depot/CCI (5WS0K82803)

Better
2Y Onsite upgrade from 2Y Depot/CCI (5WS0K82798)

Good
3Y Depot/CCI upgrade from 2Y Depot/CCI (5WS0K82800)

WWW.LENOVO.COM

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 specifcations 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.

https://psref.lenovo.com

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

© Lenovo, 2019. All rights reserved.



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

© Lenovo
August 2018

ideacentre AIO 520-27ICB











