ideacentre AIO 520-24ARR F0DN002MGE

Product
ideacentre AIO 520-24ARR

Region
WE

Country/Region
Germany

Machine Type
F0DN

Processor
AMD Ryzen 5 2400GE (4C / 8T, 3.2 / 3.8GHz, 2MB L2 / 4MB L3)

Graphics
Integrated AMD Radeon RX Vega 11 Graphics

Chipset
AMD B300

Memory
2x 4GB DIMM DDR4-2666

Storage
1x 256GB SSD M.2 2280 PCIe + 1x 1TB HDD 7200rpm 3.5"

Optical
9.0mm DVD±RW

Media Reader
3-in-1 Card Reader

Display
23.8" FHD (1920x1080) WVA

Touchscreen
None

Camera
720p

Speaker
3Wx2

Ethernet
Integrated 100/1000M

Microphone
2x, Array

Stand
AIO Stand

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

Color
Black

Keyboard
USB Calliope Keyboard, Black, German

Mouse
USB Calliope Mouse, Black

Power Supply
90W Adapter

Operating System
Windows 10 Home 64, German

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
193124028019

End of Support
N/A

Announce Date
2019-04-22

Recommended Services

Good
3Y Courier/Carry-in upgrade from 2Y Courier/Carry-in (5WS0K82800)

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ideacentre AIO 520-24ARR Platform Specifications

Processor

AMD Ryzen™ 3 / 5 series processors or A6, A10 series APUs

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Ryzen 3 2200GE	4 / 4	3.2 GHz / 3.6 GHz	2 MB	DDR4-2666	Radeon Vega 8
Ryzen 5 2400GE	4 / 8	3.2 GHz / 3.8 GHz			Radeon RX Vega 11
A6-9500E	2 / -	3.0 GHz / 3.4 GHz	1 MB	DDR4-2400	Radeon R5
A10-9700E	4 / -	3.0 GHz / 3.5 GHz	2 MB		Radeon R7

Memory

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

* System automatically clocks down for the processors with lower memory controller

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)

Optical

Optional DVD±RW, 9.0mm high, tray-in

Media reader

3-in-1 media card reader (SD, SDHC, SDXC)

Graphics

Integrated AMD Radeon Graphics,
AMD Radeon Vega 8 Graphics in processor, DirectX 12 or
AMD Radeon RX Vega 11 Graphics in processor, DirectX 12
external monitor support via HDMI port;
Max resolution: 1920x1080 (HDMI)@60Hz

Display

23.8" (604.5mm) **Full HD (1920x1080) color**, WVA, LED backlight, anti-glare, borderless, 16:9 aspect ratio

Multi-touch

Optional multi-touch, supports 10-point, AIT (Advanced In-cell Touch) technology

Camera

Some: 720p camera, fixed focus
Some: IR camera, 1080p, supports Windows Hello

Controls

Power button, optical drive eject button, cable clip, camera eject button

Chipset

AMD B300 platform

Ports*

Rear: Three USB 2.0, one USB 3.1 Gen1, 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

M.2 card slot

Two M.2 Card slots (one for WLAN, one for SSD)

** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Audio support

HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, dual array microphone

WLAN[13]
Bluetooth™
Ethernet

11ac Wi-Fi + Bluetooth 4.0 combo adapter, M.2 card, dual band, 1x1
Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Gigabit ethernet

Manageability

None

Security chip
Security features

Security chip
Security features

Keyboard *(opt)*
Mouse *(opt)*

Some: Lenovo Calliope Keyboard (USB connector), silver or black
Some: Lenovo Wireless Keyboard (2.4GHz via USB receiver), silver or black
Some: Lenovo Calliope Mouse (USB connector), silver or black
Some: Lenovo Wireless Mouse (2.4GHz via USB receiver), silver or black

Mechanical

- black or warm silver

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand	21.31 X 2.24 X 13.62 (inch); 541.2 x 57.3 x 346.06 (mm)	N/A	N/A
With stand	21.31 X 8.34 X 16.39 (inch); 541.2 x 212 x 416.8 (mm)	13.6 / 6.17	Tilt: 25° back, -5° forward

Power supply

65 or 90 watts adapter, 100V-240V

Limited warranty

1-year or **2-year, depot repair service** / service upgrades available

Preload

Preloaded operating system
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Microsoft® Office 2016; purchase a product key to activate
- Lenovo® Settings
- Lenovo Application Explorer
- McAfee® LiveSafe™ (30-day trial)
- Lenovo ID
- Lenovo Family Cloud
- User Guide

Environment

ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

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