

# ideacentre AIO 520-24ARR F0DN001BGE

**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 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**

192651470056

**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

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ 3 / 5 series processors or A6, A10 series APUs						WLAN <sup>13</sup>	11ac Wi-Fi + Bluetooth 4.0 combo adapter, M.2 card, dual band, 1x1			
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter			
	Ryzen 3 2200GE	4 / 4	3.2 GHz / 3.6 GHz	2 MB	DDR4-2666	Radeon Vega 8	Ethernet	Gigabit ethernet			
	Ryzen 5 2400GE	4 / 8	3.2 GHz / 3.8 GHz			Radeon RX Vega 11	Manageability	None			
	A6-9500E	2 / -	3.0 GHz / 3.4 GHz	1 MB	DDR4-2400	Radeon R5	Security chip	Security chip			
A10-9700E	4 / -	3.0 GHz / 3.5 GHz	2 MB	Radeon R7		Security features	Security features				
Memory	16GB max / 2666MHz DDR4, two SO-DIMM sockets * System automatically clocks down for the processors with lower memory controller						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), silver or black Some: Lenovo Wireless Keyboard (2.4GHz via USB receiver), silver or black			
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)						Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), silver or black Some: Lenovo Wireless Mouse (2.4GHz via USB receiver), silver or black			
Optical Media reader	Optional DVD±RW, 9.0mm high, tray-in 3-in-1 media card reader (SD, SDHC, SDXC)						Mechanical	● black or warm silver			
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										
Controls	Some: IR camera, 1080p, supports Windows Hello										
Chipset	Power button, optical drive eject button, cable clip, camera eject button										
Ports*	AMD B300 platform						Power supply	65 or 90 watts adapter, 100V-240V			
M.2 card slot	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						Limited warranty	1-year or 2-year, depot repair service / service upgrades available			
	Right: one USB 3.1 Gen1						Preload	<b>Preloaded operating system</b> Some: Windows 10 Home 64-bit <b>Preloaded applications (only some listed)</b> ● 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			
	Bottom: one headphone / microphone combo jack (3.5mm), card reader						Environment	ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant			
Audio support	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						Accessories	For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>			
	HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, dual array microphone										

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