

ideacentre AIO 520 (24") AMD F0DN003HGE

Region
WE

Country
Germany

Machine Type
F0DN

Processor
AMD A6-9500E (2C, 3.0 / 3.4GHz, 1MB)

Graphics
Integrated AMD Radeon R5 Graphics

Chipset
AMD B300

Memory
4GBx2 DDR4-2666

Storage
1TB 7200rpm

Optical
DVD±RW

Media Reader
3-in-1

Display
23.8" FHD (1920x1080) IPS

Multi-touch
None

Camera
720p

Microphone
Dual Array

HDMI
HDMI-in

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

Keyboard / Mouse
USB Black / USB Black

Power Supply
90W Adapter

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
08/18

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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ideacentre AIO 520 (24") AMD Platform Specifications

Product Specifications Reference (PSREF)

Processor	24AST: AMD A4, A6, A9, A10 or A12 series APUs						Audio support	HD Audio, stereo speakers with Dolby® Audio™ certification,3W x 2, dual array microphone			
	APU	Cores	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	WLAN ¹³	11ac Wi-Fi + Bluetooth 4.0 combo adapter, M.2 card, dual band, 1x1			
	A4-9120	2	2.2 GHz / 2.5 GHz	1 MB	DDR4-1866	Radeon™ R3	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter			
	A6-9220	2	2.5 GHz / 2.9 GHz	1 MB	DDR4-1866	Radeon R4	Ethernet	Gigabit ethernet			
	A9-9420	2	3.0 GHz / 3.6 GHz	1 MB	DDR4-1866	Radeon R5	Manageability	None			
	A10-9620P	4	2.5 GHz / 3.4 GHz	2 MB	DDR4-1866	Radeon R5	Security chip	Security chip			
	A12-9720P	4	2.7 GHz / 3.6 GHz	2 MB	DDR4-1866	Radeon R7	Security features	Security features			
	24ARR: AMD Ryzen™ 3 / 5 series processors or A6, A10 series APUs						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), silver or black			
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Mouse (opt)	Some: Lenovo Wireless Keyboard (2.4GHz via USB receiver), silver or black			
	Ryzen 3 2200GE	4 / 4	3.2 GHz / 3.6 GHz	2 MB	DDR4-2666	Radeon Vega 8	Some: Lenovo Calliope Mouse (USB connector), silver or black				
Ryzen 5 2400GE	4 / 8	3.2 GHz / 3.8 GHz	Radeon RX Vega 11			Some: Lenovo Wireless Mouse (2.4GHz via USB receiver), silver or black					
	A6-9500E	2 / -	3.0 GHz / 3.4 GHz	1 MB	DDR4-2400	Radeon R5	Mechanical	● black or silver color			
	A10-9700E	4 / -	3.0 GHz / 3.5 GHz	2 MB		Radeon R7					
Memory	24AST: 8GB max / 2400MHz DDR4, two SO-DIMM sockets						Power supply	65 or 90 watts adapter, 100V-240V			
	24ARR: 16GB max / 2666MHz DDR4, two SO-DIMM sockets						Limited warranty	1-year or 2-year, depot repair service / service upgrades available			
	* System automatically clocks down for the processors with lower memory controller						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			
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm						Environment	24AST: ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD® certified;			
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe)							RoHS-compliant			
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe)							24ARR: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant			
Optical Media reader	Optional DVD±RW, 9.0mm high, tray-in							Accessories			
	3-in-1 media card reader (SD, SDHC, SDXC)							For compatible accessories, please go to http://smartfind.lenovo.com			
Graphics	24AST: Integrated AMD Radeon Graphics in processor, DirectX® 12 or AMD Radeon 530, 2GB GDDR5, DirectX 12										
	24ARR: 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, 250 nits, 16:9 aspect ratio, IPS, -5° degrees to 25° degrees										
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	24AST: AMD SoC (System on Chip) platform										
	24ARR: 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)										

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