

ideacentre AIO 520 (24") AMD F0DN000TGE

Region
WE

Country
Germany

Machine Type
F0DN

Processor
AMD Ryzen 3 2200GE (4C, 3.2 / 3.6GHz, 2MB)

Graphics
Integrated AMD Radeon Vega 8 Graphics

Chipset
AMD B300

Memory
4GBx1 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)
05/18

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						Security chip	None
	APU	Cores	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Security features	Power-on password, administrator password, security slot
	A4-9120	2	2.2 GHz / 2.5 GHz	1 MB	DDR4-1866	Radeon™ R3	Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), silver or black
	A6-9220	2	2.5 GHz / 2.9 GHz	1 MB	DDR4-1866	Radeon R4	Mouse (opt)	Some: Lenovo Wireless Keyboard (2.4GHz via USB receiver), silver or black
	A9-9420	2	3.0 GHz / 3.6 GHz	1 MB	DDR4-1866	Radeon R5		Some: Lenovo Calliope Mouse (USB connector), silver or black
	A10-9620P	4	2.5 GHz / 3.4 GHz	2 MB	DDR4-1866	Radeon R5		Some: Lenovo Wireless Mouse (2.4GHz via USB receiver), silver or black
	A12-9720P	4	2.7 GHz / 3.6 GHz	2 MB	DDR4-1866	Radeon R7		
Memory	24ARR: AMD Ryzen™ 3 / 5 series processor						Mechanical	● black or silver color
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	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		
Storage	24AST: 8GB max / 2400MHz DDR4, two SO-DIMM sockets						Power supply	65 or 90 watts adapter, 100V-240V
Optical Media reader	24ARR: 16GB max / 2666MHz DDR4, two SO-DIMM sockets						Limited warranty	1-year or 2-year, depot repair service / service upgrades available
Graphics	* 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
Display	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm						Environment	24AST: ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD® certified; RoHS-compliant
Multi-touch	Some: M.2 SSD / PCIe, PCIe 3.0 x 4						Accessories	For compatible accessories, please go to http://smartfind.lenovo.com
Camera	Optional DVD±RW, 9.0mm high, tray-in							
Controls	3-in-1 media card reader (SD, SDHC, SDXC)							
Chipset	24AST: Integrated AMD Radeon Graphics in processor, DirectX® 12 or AMD Radeon 530, 2GB GDDR5, DirectX 12							
Ports	24ARR: Integrated AMD Radeon Vega 8 Graphics in processor, DirectX 12 or AMD Radeon RX Vega 11 Graphics in processor, DirectX 12							
M.2 card slot	external monitor support via HDMI port;							
Audio support	Max resolution: 1920x1080 (HDMI)@60Hz							
WLAN ¹³	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							
Bluetooth™	Optional multi-touch, supports 10-point, AIT (Advanced In-cell Touch) technology							
Ethernet	Some: 720p camera, fixed focus							
Manageability	Some: IR camera, 1080p, supports Windows Hello							
	Power button, optical drive eject button, cable clip, camera eject button							
	24AST: AMD SoC (System on Chip) platform							
	24ARR: AMD B300 platform							
	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							
	Two M.2 Card slots (one for WLAN, one for SSD)							

Lenovo, August 2018

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