ideacentre AIO 520 (24") AMD F0D30026GE

Region
WE

Country
Germany

Machine Type
F0D3

Processor
AMD A9-9420 (2C, 3.0 / 3.6GHz, 1MB)

Graphics
Integrated AMD Radeon R5 Graphics

Chipset
AMD SoC Platform

Memory
8GBx1 DDR4-2400

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)
10/17

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

Processor

24AST: AMD A4, A6, A9, A10 or A12 series APUs

APU	Cores	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics
A4-9120	2	2.2 GHz / 2.5 GHz	1 MB	DDR4-1866	Radeon™ R3
A6-9220	2	2.5 GHz / 2.9 GHz	1 MB	DDR4-1866	Radeon R4
A9-9420	2	3.0 GHz / 3.6 GHz	1 MB	DDR4-1866	Radeon R5
A10-9620P	4	2.5 GHz / 3.4 GHz	2 MB	DDR4-1866	Radeon R5
A12-9720P	4	2.7 GHz / 3.6 GHz	2 MB	DDR4-1866	Radeon R7

24ARR: AMD Ryzen™ 3 / 5 series processor

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

Memory

24AST: 8GB max / 2400MHz DDR4, two SO-DIMM sockets
24ARR: 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, PCIe 3.0 x 4

Optical

Optional DVD±RW, 9.0mm high, tray-in

Media reader

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

Graphics

24AST: Integrated AMD Radeon Graphics in processor, DirectX® 12 or AMD Radeon 530, 2GB GDDR5, DirectX 12
24ARR: Integrated 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)

Audio support

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

WLAN[13]

11ac Wi-Fi + Bluetooth 4.0 combo adapter, M.2 card, dual band, 1x1

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet

Manageability

None

Security chip

None

Security features

Power-on password, administrator password, security slot

Keyboard *(opt)*

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

Mouse *(opt)*

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

Mechanical

- black or silver color

	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

24AST: ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD® certified; RoHS-compliant
24ARR: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant

Accessories

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

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