IdeaCentre AIO 3 24ARE05 F0EW005XGE

Product
IdeaCentre AIO 3 24ARE05

Region
WE

Country/Region
Germany

Machine Type
F0EW

Processor
AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics
Integrated AMD Radeon Graphics

Chipset
AMD SoC Platform

Memory
2x 8GB SO-DIMM DDR4-2666

Storage
512GB SSD M.2 2242 PCIe NVMe + 1TB HDD 5400rpm 2.5"

Optane Memory
None

Optical
None

Media Reader
3-in-1 Card Reader

Display
23.8" FHD (1920x1080) WVA 250nits

Touchscreen
None

Camera
720p

Speaker
3Wx2

Ethernet
Integrated 100/1000M

Microphone
Mono

Stand
AIO Stand

WLAN + Bluetooth
11ac, 2x2 + BT5.0

Color
Black

Keyboard
USB Calliope Keyboard, Black, German

Mouse
USB Calliope Mouse, Black

Power Supply
90W Adapter Black

Operating System
Windows 10 Home 64, German

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195235085431

End of Support
N/A

Announce Date
2020-06-03

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IdeaCentre AIO 3 24ARE05 Platform Specifications

Processor

AMD Athlon™ or Ryzen™ 3 / 5 series processors

Processor	Cores / Threads	Frequency Base/Max	L2 / L3 Cache	Memory Support (Up to)	Processor Graphics
Ryzen 3 4300U	4 / 4	2.7 / 3.7GHz	2MB / 4MB	DDR4-3200	AMD Radeon™ Graphics
Ryzen 5 4500U	6 / 6	2.3 / 4.0GHz	3MB / 8MB	DDR4-3200	AMD Radeon™ Graphics
Ryzen 5 4600U	6 / 12	2.1 / 4.0GHz	3MB / 8MB	DDR4-3200	AMD Radeon™ Graphics
Ryzen 7 4700U	8 / 8	2.0 / 4.1GHz	4MB / 8MB	DDR4-3200	AMD Radeon™ Graphics

Memory

16GB max / 3200MHz DDR4, two SO-DIMM sockets, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: SATA 6.0Gb/s, 2.5" wide, 5400 rpm
Some: M.2 (2280) SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe)
Some: M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe)

Optane Memory: None
SATA controller: Serial ATA, SATA 6.0Gb/s support
Optical *(opt)*: DVD±RW, 9.0mm high, tray-in
Media reader: 3-in-1 reader (SD, SDHC, SDXC)

Graphics

AMD Radeon Graphics in processor, uses main memory, DirectX® 12, one HDMI;
Max resolution: 1920x1080@60Hz (HDMI)

Display

23.8" (604.5mm) FHD (1920x1080) color, WVA, LED backlight, borderless, 16:9 aspect ratio, 250 nits

Multi-touch *(opt)*: Multi-touch (10-point), Advanced In-Cell Touch (AIT) technology
Camera: 720p HD
Light sensor: None
Controls: Power button, optical drive eject button, camera cover slider

Chipset

AMD SoC (System on Chip) platform

Ports*

Rear: Two USB 2.0, one USB 3.1 Gen1, power connector, Ethernet (RJ-45), HDMI-out
Left: One USB 3.1 Gen2, headphone / microphone combo jack (3.5mm), media card reader
Right: None
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Audio support

JBL® speakers, 3W x 2, monaural microphone

WLAN

802.11ac wireless, Wi-Fi + Bluetooth 5.0 combo adapter, 2x2, M.2 card

Bluetooth™: Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet: Gigabit Ethernet connection

Remote control: None
Security: Power-on password, administrator password
Security chip: None

Keyboard *(opt)*:
Some: Lenovo Calliope Keyboard (USB connector), black or white
Some: Lenovo Calliope Wireless Keyboard, black, white or silver

Mouse *(opt)*:
Some: Lenovo Calliope Mouse (USB connector), black, or white
Some: Lenovo Calliope Wireless Mouse, black, white or silver

Mechanical

Business black or foggy white color

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
With stand	21.3 X 7.28 X 17.56 (inch); 541.04x 185 x 446.16 (mm)	16.53 / 7.5	Tilt: 25° back, -5° forward

Power adapter

90 watts PSU, 100V-240V

Limited warranty

Some: **1-year**, **mail-in service**
Some: **1-year** or **2-year**, **depot service**

Preload

Preloaded operating system
Some: Windows® 10 Home 64
Some: Windows® 10 Pro 64
Preinstalled software includes but not limited to the following:
- Lenovo® Application Explorer
- Microsoft Office Trial
- PowerDVD/Power2Go
- McAfee® LiveSafe™ trial

Environment

ENERGY STAR® 8.0; RoHS-compliant; ErP Lot3 & Lot7

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