# IdeaCentre AIO 3 24ARE05 F0EW005WGE

***Product***
IdeaCentre AIO 3 24ARE05

***Region***
WE

***Country/Region***
Germany

***Machine Type***
F0EW

***Processor***
AMD Ryzen 3 4300U (4C / 4T, 2.7 / 3.7GHz, 2MB L2 / 4MB L3)

***Graphics***
Integrated AMD Radeon Graphics

***Chipset***
AMD SoC Platform

***Memory***
2x 4GB SO-DIMM DDR4-2666

***Storage***
256GB 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***
None

***Bundled Software***
None

***Base Warranty***
2-year, Depot

***Bundled Service***
None

***EAN / UPC / JAN***
195235085417

***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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