

# ideacentre A540-24API F0EM003DRI

**Product**

ideacentre A540-24API

**Region**

EET

**Country/Region**

Romania

**Machine Type**

F0EM

**Processor**

AMD Ryzen 3 3200GE (4C / 4T, 3.3 / 3.8GHz, 2MB L2 / 4MB L3)

**Graphics**

Integrated AMD Radeon Vega 8 Graphics

**Chipset**

AMD B300

**Memory**

2x 4GB DIMM DDR4-2666

**Storage**

1x 1TB HDD 5400rpm 2.5"

**Optical**

None

**Media Reader**

3-in-1

**Display**

23.8" FHD (1920x1080) WVA

**Touchscreen**

None

**Camera**

720p

**Speaker**

3Wx2+5W

**Ethernet**

Integrated 100/1000M

**Microphone**

2x, Array

**Stand**

AIO Stand

**WLAN + Bluetooth**

11ac, 1x1 + BT4.0

**Color**

Industry black

**Keyboard**

Calliope Wireless Keyboard, Black, English (UK)

**Mouse**

Calliope Wireless Mouse, Black

**Power Supply**

150W Adapter Black

**Operating System**

Windows 10 Home 64, English

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC**

194632402087

**End of Support**

2020-12-04

**Announce Date**

2019-11-04

 [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



AMD

Lenovo™

# ideacentre A540-24API Platform Specifications

Product Specifications Reference (PSREF)



| Processor         | AMD Ryzen™ 3 / 5 or Athlon series processors  |                 |                                |               |                        | WLAN  | 11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card   |                      |             |  |                    |                      |             |            |   |              |                                |
|-------------------|---|-----------------|--------------------------------|---------------|------------------------|---|---|----------------------|-------------|--|--------------------|----------------------|-------------|------------|---|--------------|--------------------------------|
|                   | Processor   | Cores / Threads | Frequency (Base/Max)           | L2 / L3 Cache | Memory Support (up to) | Bluetooth™  | Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter   |                      |             |  |                    |                      |             |            |   |              |                                |
|                   | Ryzen 3 3200GE  | 4 / 4           | 3.3 / 3.8 GHz                  | 2 MB / 4MB    | DDR4-2933              | Ethernet  | Gigabit Ethernet connection   |                      |             |  |                    |                      |             |            |   |              |                                |
|                   | Ryzen 5 3400GE  | 4 / 8           | 3.3 / 4.0 GHz                  | 2 MB / 4MB    | DDR4-2933              | Remote control  | None  |                      |             |  |                    |                      |             |            |   |              |                                |
| Athlon 300GE      | 2 / 4   | 3.4             | 1 MB / 4MB                     | DDR4-2666     | Radeon Vega 3          | Security  | Power-on password, administrator password, security slot  |                      |             |  |                    |                      |             |            |   |              |                                |
| Chipset           | AMD B300 platform   |                 |                                |               |                        | Security chip   | None  |                      |             |  |                    |                      |             |            |   |              |                                |
| Memory            | 16GB max / 2666MHz DDR4, two SO-DIMM sockets<br>* System automatically clocks down for the processors with lower memory controller  |                 |                                |               |                        | Mechanical  | <ul style="list-style-type: none"> <li>Industry black</li> <li>Wireless charging pad for mobile phones use</li> </ul>   |                      |             |  |                    |                      |             |            |   |              |                                |
| Graphics          | Integrated AMD Radeon Graphics,<br>AMD Radeon Vega 3 Graphics in processor, DirectX 12,<br>AMD Radeon Vega 8 Graphics in processor, DirectX 12 or<br>AMD Radeon RX Vega 11 Graphics in processor, DirectX 12<br>external monitor support via HDMI port;<br>Max resolution: 1920x1080 (HDMI)@60Hz                      |                 |                                |               |                        | <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>With stand</td> <td>17.75 X 7.28 X 17.13 (inch);<br/>450.9 x 185 x 435.19 (mm)</td> <td>23.14 / 10.5</td> <td>Tilt: 25° back,<br/>-5° forward</td> </tr> </tbody> </table> |   |                      |             |  | Dimensions (WxDxH) | Max weight (lb / kg) | Adjustments | With stand | 17.75 X 7.28 X 17.13 (inch);<br>450.9 x 185 x 435.19 (mm) | 23.14 / 10.5 | Tilt: 25° back,<br>-5° forward |
|                   |   |                 |                                |               |                        |   | Dimensions (WxDxH)  | Max weight (lb / kg) | Adjustments |  |                    |                      |             |            |   |              |                                |
| With stand        | 17.75 X 7.28 X 17.13 (inch);<br>450.9 x 185 x 435.19 (mm)   | 23.14 / 10.5    | Tilt: 25° back,<br>-5° forward |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Power Supply      | <i>Some:</i> 90 watts PSU, 100V-240V<br><i>Some:</i> 120 watts PSU, 100V-240V<br><i>Some:</i> 150 watts PSU, 100V-240V  |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Storage           | <i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2  |                 |                                |               |                        | Camera  | <i>Some:</i> 1080p HD, fixed focus<br><i>Some:</i> IR camera  |                      |             |  |                    |                      |             |            |   |              |                                |
| SATA Controller   | Serial ATA, SATA 6.0Gb/s support  |                 |                                |               |                        | Keyboard (opt)  | <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black<br><i>Some:</i> Lenovo Calliope Wireless Keyboard, black or silver<br><i>Some:</i> Lenovo Premium Wireless Keyboard, grey  |                      |             |  |                    |                      |             |            |   |              |                                |
| Optical (opt)     | USB, DVD±RW, 9.0mm high, tray-in  |                 |                                |               |                        | Mouse (opt)   | <i>Some:</i> Lenovo Calliope Mouse (USB connector), black<br><i>Some:</i> Lenovo Calliope Wireless Mouse, black or silver<br><i>Some:</i> Lenovo Premium Wireless Mouse, grey   |                      |             |  |                    |                      |             |            |   |              |                                |
| Media reader      | 3-in-1 reader (SD, SDHC, SDXC)  |                 |                                |               |                        | Limited warranty  | <i>Some:</i> 1-year, limited mail-in service / service upgrades available<br><i>Some:</i> 1-year or 2-year, depot repair service / service upgrades available   |                      |             |  |                    |                      |             |            |   |              |                                |
| Ports*            | <i>Rear:</i> Two USB 2.0, one USB 3.1 Gen1, Ethernet (RJ-45),<br>HDMI-out, HDMI-in<br><i>Bottom:</i> Power connector<br><i>Left:</i> Two USB 3.1 Gen1, headphone / microphone combo jack (3.5mm),<br>media card reader<br>* Depending on many factors, actual data transfer speed may be lower than theoretical speed |                 |                                |               |                        | Preload   | Windows® 10 Home 64<br>Preinstalled software includes but not limited to the following: <ul style="list-style-type: none"> <li>Lenovo® Vantage</li> <li>Microsoft Office Trial</li> <li>LinkedIn®</li> <li>PowerDVD/Power2Go</li> <li>McAfee® LiveSafe™ (30-day trial)</li> </ul> |                      |             |  |                    |                      |             |            |   |              |                                |
| TV tuner          | None  |                 |                                |               |                        | Environment   | ENERGY STAR® 7.0; ErP Lot 3 Lot 6 Lot 7, RoHS-compliant, GREENGUARD® certified;   |                      |             |  |                    |                      |             |            |   |              |                                |
| Audio support     | HD Audio, JBL speakers, 3W x 2 + 5W woofer, dual array microphone   |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Display           | 23.8" (604.5mm) FHD (1920x1080) color, IPS, LED backlight, 250 nits<br>3 sides borderless, 16:9 aspect ratio  |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Multi-touch (opt) | Support 10-point touch  |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Light sensor      | None  |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |
| Controls          | HDMI in/out switcher, Power button  |                 |                                |               |                        |   |   |                      |             |  |                    |                      |             |            |   |              |                                |

# ideacentre A540-24API



AMD



AMD



AMD



AMD



AMD



AMD