IdeaPad 3 15ARE05 81W40053CK

Product
IdeaPad 3 15ARE05

Region
EET

Country/Region
Czech, Slovakia

Machine Type
81W4

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
4GB Soldered DDR4-2666 + 4GB SO-DIMM DDR4-2666

Storage
512GB SSD M.2 2242 PCIe NVMe 3.0x2

Display
15.6" FHD (1920x1080) IPS 250nits Anti-glare

Touchscreen
None

Optical
None

Media Reader
4-in-1 Card Reader

Ethernet
None

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

Case Material
PC / ABS

Camera
0.3MP

Microphone
2x, Array

Color
Platinum Grey

Surface Treatment
IMR

Keyboard
Non-backlit, Czech / Slovak

Fingerprint Reader
Touch Style

TPM
FW TPM 2.0

Battery
Integrated 45Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64, English / Czech / Slovak

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042579482

End of Support
2026-05-21

Announce Date
2020-04-23

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IdeaPad 3 15ARE05 Platform Specifications

Processor

AMD Ryzen™ Mobile Processors with Radeon™ Graphics

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-2666	AMD Radeon Graphics
Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3		
Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB L2 / 8MB L3		

Graphics

AMD Radeon Graphics in processor;
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 3840x2160@30Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

8GB max offering / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display

One of the following, configurable by model:

- 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
- 15.6" (396mm) FHD (1920x1080), anti-glare, WVA, LED backlight, 250 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Up to 2 drives (one HDD and one M.2 SSD):

- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical *(optional)*

External DVD burner, 9.5mm high

Ethernet

None

WLAN

802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Bluetooth™

Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Dimensions

WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm

Weight

Starting at 3.75 lb / 1.7 kg

Case color

Abyss blue IMR, cherry red IMR, platinum grey IMR or business black texture

Case material

PC/ABS plastic

Media reader

4-in-1 media reader (MMC, SD, SDHC, SDXC)

Ports

One USB 2.0, two USB 3.2 Gen 1, HDMI 1.4b,
4-in-1 media reader (MMC, SD, SDHC, SDXC),
headphone / microphone combo jack, AC power adapter jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Camera

0.3MP or HD720p, with privacy shutter, fixed focus,
integrated dual array microphone
** HD720p camera for NA only*

Audio support

HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys, numeric keypad

Touchpad

Buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password

Security chip

Firmware TPM 2.0 integrated in chipset

Fingerprint reader

Optional: Touch style fingerprint reader on power button

Battery

Integrated Li-Polymer 35Wh or 45Wh battery,
45Wh battery supports Rapid Charge (charge up to 80% in 1hr)

Max battery life

MobileMark® 2014: 9.4 hr (35Wh) or 12.6 hr (45Wh)
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

65W round tip AC adapter

Preload *(optional)*

Preloaded operating system

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64

Preloaded applications (only some listed)

- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019
- Microsoft Office Trial (with 30-day license)
- Microsoft Office Professional 2019
- Microsoft Office Personal 2019
- Microsoft 365 Family
- Microsoft 365 Personal

Limited warranty

One of the following, configurable by model:

- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Environment

ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

Note: The specifications above may not be available in all regions and might change by region.

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