

IdeaPad 3 15ADA05 81W1009NCK

Product

IdeaPad 3 15ADA05

Region

EET

Country/Region

Czech, Slovakia

Machine Type

81W1

Processor

AMD Athlon Silver 3050U (2C / 2T, 2.3 / 3.2GHz, 1MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon Graphics

Chipset

AMD SoC Platform

Memory

4GB Soldered DDR4-2400 + 4GB SO-DIMM DDR4-2400

Storage

512GB SSD M.2 2242 PCIe NVMe 3.0x2

Display

15.6" FHD (1920x1080) TN 220nits 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

Abyss Blue, IMR

Keyboard

Non-backlit, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 35Wh

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

195042579475

End of Support

2026-04-02

Announce Date

2020-03-02

 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™

IdeaPad 3 15ADA05 Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD A4 / Athlon™ series processor or AMD Ryzen™ 3 / 5 / 7 series processor	Dimensions Weight Case color	<i>WxDxH:</i> 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm Starting at 4.1 lb / 1.85 kg Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or business black texture																																						
	<table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Type</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>A4-3020E</td> <td rowspan="3">2</td> <td rowspan="3">2</td> <td>1.2 GHz</td> <td>2.6GHz</td> <td rowspan="3">1MB L2 / 4MB L3</td> <td rowspan="3">DDR4-2400</td> <td rowspan="3">AMD Radeon™ Graphics</td> </tr> <tr> <td>Athlon Silver 3050U</td> <td>2.3 GHz</td> <td>3.2 GHz</td> </tr> <tr> <td>Athlon Gold 3150U</td> <td>2.4 GHz</td> <td>3.3 GHz</td> </tr> <tr> <td>Ryzen 3 3250U</td> <td rowspan="3">4</td> <td rowspan="3">4</td> <td>2.6 GHz</td> <td>3.5 GHz</td> <td rowspan="3">2MB L2 / 4MB L3</td> <td rowspan="3">DDR4-2400</td> <td>AMD Radeon™ Vega 8 Graphics</td> </tr> <tr> <td>Ryzen 5 3500U</td> <td>2.1 GHz</td> <td>3.7 GHz</td> <td>AMD Radeon™ RX Vega 10 Graphics</td> </tr> <tr> <td>Ryzen 7 3700U</td> <td>2.3 GHz</td> <td>4.0 GHz</td> <td></td> </tr> </tbody> </table>	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	A4-3020E	2	2	1.2 GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics	Athlon Silver 3050U	2.3 GHz	3.2 GHz	Athlon Gold 3150U	2.4 GHz	3.3 GHz	Ryzen 3 3250U	4	4	2.6 GHz	3.5 GHz	2MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Vega 8 Graphics	Ryzen 5 3500U	2.1 GHz	3.7 GHz	AMD Radeon™ RX Vega 10 Graphics	Ryzen 7 3700U	2.3 GHz	4.0 GHz		Case material	PC/ABS plastic
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics																																		
A4-3020E	2	2	1.2 GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics																																		
Athlon Silver 3050U			2.3 GHz	3.2 GHz																																					
Athlon Gold 3150U			2.4 GHz	3.3 GHz																																					
Ryzen 3 3250U	4	4	2.6 GHz	3.5 GHz	2MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Vega 8 Graphics																																		
Ryzen 5 3500U			2.1 GHz	3.7 GHz			AMD Radeon™ RX Vega 10 Graphics																																		
Ryzen 7 3700U			2.3 GHz	4.0 GHz																																					
		Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack, AC power adapter jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>																																						
		Camera Audio support	0.3MP with privacy shutter, fixed focus, integrated dual array microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack																																						
		Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless Mylar surface multi-touch touchpad																																						
Graphics	AMD Radeon Graphics or AMD Radeon Vega 8 / RX Vega 10 Graphics in processor; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)	Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset <i>Optional:</i> Touch style fingerprint reader on power button																																						
Chipset	AMD SoC (System on Chip) platform	Battery	Integrated Li-ion 35Wh battery or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr) <i>MobileMark® 2014:</i> 8 hr (35Wh), 12 hr (45Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>																																						
Memory	A4-3020E model: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket Other model: 12GB max / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket	Max battery life																																							
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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 	AC adapter	65W round tip AC adapter																																						
Multi-touch (opt)	On-cell touch, supports 10-finger gesture	Preload	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Home in S mode Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft Office Trial (with 30-day license) Microsoft Office Personal 2019 Microsoft Office Professional 2019 Microsoft Office 365 Home Microsoft Office 365 Personal 																																						
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> 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 	Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 1-year depot with 2-year system board repair service 2-year/1-yr battery depot repair service 																																						
Optical	None	Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant																																						
Ethernet	None																																								
WLAN + Bluetooth™	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 																																								

Note: The specifications above may not be available in all regions.

Lenovo
March 2020

IdeaPad 3 15ADA05



AMD



AMD



AMD



AMD



AMD



AMD