

IdeaPad 3 15ADA05 81W1005NGE

Product

IdeaPad 3 15ADA05

Region

WE

Country/Region

Germany

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

Platinum Grey, IMR

Keyboard

Non-backlit, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 35Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home in S mode, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195042386073

End of Support

2026-05-01

Announce Date

2020-04-15



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AMD

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IdeaPad 3 15ADA05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD 3020E processor, Athlon™ series processor or Ryzen™ 3 / 5 / 7 series processor								Dimensions	WxDxH: 14.26" x 9.98" x 0.78"; 362.2mm x 253.4mm x 19.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Weight	Starting at 4.1 lb / 1.85 kg
	3020E	2	2	1.2 GHz	2.6GHz	1MB L2 / 4MB L3	DDR4-2400	AMD Radeon™ Graphics	Case color	Abyss blue IMR, almond IMR, cherry red IMR, platinum grey IMR or business black texture
	Athlon Silver 3050U			2.3 GHz	3.2 GHz				Case material	PC/ABS plastic
	Athlon Gold 3150U		4	2.4 GHz	3.3 GHz				Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)
	Ryzen 3 3250U			2.6 GHz	3.5 GHz				Ports	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>
	Ryzen 5 3500U	4	8	2.1 GHz	3.7 GHz	2MB L2 / 4MB L3	AMD Radeon™ Vega 8 Graphics	Camera	0.3MP or HD720p, with privacy shutter, fixed focus, with dual array microphone <i>* HD720p camera for NA only</i>	
	Ryzen 7 3700U			2.3 GHz	4.0 GHz			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
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	Power-on password, hard disk password, supervisor password
Chipset	AMD SoC (System on Chip) platform								Security chip	Firmware TPM 2.0 integrated in chipset
Memory	3020E model: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket Other model: 12GB max / 2400MHz DDR4, 4GB memory soldered to systemboard, dual-channel capable, one DDR4 SO-DIMM socket								Fingerprint reader	Optional: Touch style fingerprint reader on power button
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								Battery	Integrated Li-Polymer 35Wh battery or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr) <i>MobileMark® 2014: 9.6 hr (35Wh), 13 hr (45Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
Multi-touch (opt)	On-cell touch, supports 10-finger gesture								Max battery life	
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								AC adapter	65W round tip AC adapter
Optical (opt)	External DVD burner, 9.5mm high								Preload (optional) <i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Home in S mode - Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> - 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	
Ethernet	None								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
WLAN + Bluetooth™	One of the following, configurable by model: 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

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

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