

ideapad S145-15AST 81N3009BUS

Product

ideapad S145-15AST

Region

NA

Country/Region

USA

Machine Type

81N3

Processor

AMD A6-9225 (2C / 2T, 2.6 / 3.1GHz, 1MB L2)

Graphics

Integrated AMD Radeon R4 Graphics

Chipset

AMD SoC Platform

Memory

4GB SO-DIMM DDR4-2133

Storage

1TB HDD 5400rpm 2.5"

Display

15.6" HD (1366x768) TN 220nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Granite Black

Surface Treatment

Texture

Keyboard

Non-backlit, English

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 30Wh

Power Adapter

45W Round Tip

Operating System

Windows 10 Home in S mode, English

Bundled Software

Office Trial

Base Warranty

1-year, Mail-in

Bundled Service

None

EAN / UPC / JAN

193638532873

End of Support

2025-04-07

Announce Date

2019-06-19

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

<https://www.calrecycle.ca.gov/Electronics/Consumer>

L 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



ideapad S145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4 / A6 / A9 series APU							Dimensions Weight Case color Case material Camera Audio support	WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm 4.1 lb / 1.85 kg Granite black IMR, granite black texture or platinum grey IMR PC/ABS plastic 0.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
	Processor Number	Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics		
	A4-9125	2	2.3 GHz	2.6 GHz	1MB	DDR4-2133	Radeon™ R3		
	A6-9225		2.6 GHz	3.1 GHz			Radeon R4		
A9-9425	3.1 GHz		3.7 GHz	Radeon R5					
Graphics	AMD Radeon R3 / R4 / R5 Graphics in processor only or AMD Radeon R3 / R4 / R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)							Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, Buttonless Mylar surface multi-touch touchpad
Chipset	AMD SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							Security chip	Firmware TPM 2.0 integrated in chipset
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							Fingerprint reader	None
Multi-touch	None							Battery	Integrated Li-Polymer 30Wh or 35Wh battery
Storage	Up to 2 drives (one HDD and one M.2 SSD): - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm - SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s							Max battery life	MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Optical	None							AC adapter	45W or 65W round tip AC adapter
Ethernet	None							Preload (opt)	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 365 Home - Microsoft Office 365 Personal - Microsoft Office Professional 2019 - Microsoft Office Personal 2019
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Limited warranty	One of the following, configurable by model: 1-year mail-in repair service 1-year depot repair service 2-year/1-yr battery depot repair service
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)								
Ports	One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>								

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

Lenovo
May 2020

Lenovo™

ideapad S145-15AST



AMD



AMD



AMD



AMD



AMD



AMD