

ideapad S145-15AST 81N300L8CK

Product

ideapad S145-15AST

Region

EET

Country/Region

Czech, Slovakia

Machine Type

81N3

Processor

AMD A6-9225 (2C / 2T, 2.6 / 3.0GHz, 1MB L2)

Graphics

Integrated AMD Radeon R4 Graphics

Chipset

AMD SoC Platform

Memory

8GB SO-DIMM DDR4-2133

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, 1x1 + BT4.2

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Platinum Grey, IMR

Keyboard

Non-backlit, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 35Wh

Power Adapter

45W 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

195042579437

End of Support

2026-05-12

Announce Date

2020-04-12

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AMD

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ideapad S145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4 / A6 / A9 series APU							Dimensions	<i>WxDxH:</i> 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	Processor Number	Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Weight	4.1 lb / 1.85 kg
	A4-9125		2.3 GHz	2.6 GHz				Case color	Granite black IMR, granite black texture or platinum grey IMR
	A6-9225		2.6 GHz	3.0 GHz				Case material	PC/ABS plastic
A9-9425	3.1 GHz		3.7 GHz	Camera				0.3MP, fixed focus, integrated monaural microphone	
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)							Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
	Chipset	AMD SoC (System on Chip) platform							Keyboard
Memory		8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							Touchpad
Display	<i>One of the following, configurable by model:</i>							Security	Power-on password, hard disk password, supervisor password
	<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 							Security chip	Firmware TPM 2.0 integrated in chipset
Multi-touch	None							Fingerprint reader	None
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i>							Battery	Integrated Li-ion 30Wh or 35Wh battery
	<ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) 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	<i>MobileMark® 2014:</i> 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical	None							AC adapter	45W or 65W round tip AC adapter
Ethernet	None							Preload (opt)	<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 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	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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								
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
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.

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