ideapad S145-15AST 81N300GVCK

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
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
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
194778285643

End of Support
2026-02-09

Announce Date
2020-01-09

ideapad S145-15AST Platform Specifications

Processor	AMD A4 / A6 / A9 series APU

Processor Number	Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
A4-9125		2.3 GHz	2.6 GHz			Radeon™ R3
A6-9225	2	2.6 GHz	3.0 GHz	1MB	DDR4-2133	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)
Chipset	AMD SoC (System on Chip) platform
Memory	8GB max / 2133MHz DDR4, 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

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, 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
Optical	None
Ethernet	None
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter
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 ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Dimensions	*WxDxH:* 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
Weight	4.1 lb / 1.85 kg
Case color	Granite black IMR, granite black texture or platinum grey IMR
Case material	PC/ABS plastic
Camera	0.3MP, fixed focus, integrated monaural microphone
Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural 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	None
Battery	Integrated Li-ion 30Wh or 35Wh battery
Max battery life	*MobileMark®2014:* 4 hr (30Wh) or 4.5 hr (35Wh) ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	45W or 65W round tip AC adapter
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
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
Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant

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

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