ideapad S145-15API 81UT00KNCK

Product
ideapad S145-15API

Region
EET

Country/Region
Czech, Slovakia

Machine Type
81UT

Processor
AMD Ryzen 5 3500U (4C / 8T, 2.1 / 3.7GHz, 2MB L2 / 4MB L3)

Graphics
Integrated AMD Radeon Vega 8 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, 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
65W Round Tip

Operating System
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC / JAN
195042579406

End of Support
2026-05-12

Announce Date
2020-04-12

ideapad S145-15API Platform Specifications

Lenovo

Processor	AMD Athlon™ series processor or AMD Ryzen™ 3 / 5 / 7 series processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics
	Athlon 300U	2	4	2.4 GHz	3.3 GHz	1MB L2 / 4MB L3	DDR4-2400	Radeon™ Vega 3 Graphics
	Ryzen 3 3200U			2.6 GHz	3.5 GHz			
	Ryzen 5 3500U	4	8	2.1 GHz	3.7 GHz	2MB L2 / 4MB L3		Radeon Vega 8 Graphics
	Ryzen 7 3700U			2.3 GHz	4.0 GHz			Radeon RX Vega 10 Graphics

Graphics
AMD Radeon Vega 3 / Vega 8 / RX Vega 10 Graphics in processor only;
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 3840x2160@30Hz (HDMI)

Chipset
AMD SoC (System on Chip) platform

Memory
12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard,
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
● M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
● M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
● SSD / SATA 6.0Gb/s, 2.5" wide (e.g. xxxGB SSD)

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

Dimensions
WxDxH: 14.3" x 10" x 0.8";   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

Media reader
4-in-1 media reader (MMC, SD, SDHC, SDXC)

Ports
One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b,
4-in-1 media reader (MMC, SD, SDHC, SDXC),
AC power adapter jack, headphone / microphone combo jack
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

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, administrator 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
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 365 Personal
● Microsoft Office 365 Home
● Microsoft Office Trial (with 30-day license)
● Microsoft Office Home and Student 2019
● Microsoft Office Home and Business 2019
● 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® 7.1; ErP lot3; RoHS-compliant

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

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