

ideapad S145-15API 81UT0031GE

Product

ideapad S145-15API

Region

WE

Country/Region

Germany

Machine Type

81UT

Processor

AMD Ryzen 7 3700U (4C / 8T, 2.3 / 4.0GHz, 2MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon RX Vega 10 Graphics

Chipset

AMD SoC Platform

Memory

4GB Soldered + 8GB DIMM DDR4-2400

Storage

512GB SSD M.2 2242 PCIe 3.0x2 NVMe

Display

15.6" FHD (1920x1080) TN 220nits Anti-glare

Multi-touch

None

Optical

None

Media Reader

4-in-1

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Platinum Grey, IMR

Keyboard

Non-backlit, German

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 30Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home 64, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC

193638879695

End of Support

2025-08-23

Announce Date

2019-07-23

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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AMD

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ideapad S145-15API Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Athlon™ series processor or AMD Ryzen™ 3 / 5 / 7 series processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	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)								Keyboard	6-row, multimedia Fn keys, numeric keypad
Chipset	AMD SoC (System on Chip) platform 12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Touchpad	Buttonless Mylar surface multi-touch touchpad
Memory									Security	Power-on password, hard disk password, administrator password
									Security chip	Firmware TPM 2.0 integrated in chipset
									Fingerprint reader	None
Display	<i>One of the following, configurable by model:</i> 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-ion 30Wh or 35Wh battery
Multi-touch	None								Max battery life	<i>MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
Storage									AC adapter	65W round tip AC adapter
									Preload (Opt)	<i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Home in S mode <i>Preloaded applications (only some listed)</i> - Microsoft Office 365 Personal - Microsoft Office Trial (with 30-day license) - Microsoft Office Home & Student 2019
Optical									Limited warranty	<i>One of the following, configurable by model:</i> 1-year mail-in repair service 1-year depot repair service 2-year/1-yr battery depot repair service
Ethernet	None								Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant
WLAN										
Bluetooth™	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									

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

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