

ideapad S145-15API 81UT002XGE

Product

ideapad S145-15API

Region

WE

Country/Region

Germany

Machine Type

81UT

Processor

AMD Athlon 300U (2C / 4T, 2.4 / 3.3GHz, 1MB L2 / 4MB L3)

Graphics

Integrated AMD Radeon Vega 3 Graphics

Chipset

AMD SoC Platform

Memory

4GB Soldered DDR4-2400

Display

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

Multi-touch

None

Storage

128GB SSD M.2 2242 PCIe 3.0x2 NVMe

Optane Memory

None

Optical

None

Media Reader

4-in-1

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Color

Grey, IMR

Camera

0.3MP

Microphone

Mono

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 in S mode, German

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC

193638879602

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					Radeon Vega 8 Graphics
	Ryzen 5 3500U	4	8	2.1 GHz	3.7 GHz	2MB L2 / 4MB L3				Radeon RX Vega 10 Graphics
Ryzen 7 3700U	2.3 GHz			4.0 GHz						
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							Touchpad	Buttonless Mylar surface multi-touch touchpad	
Memory	12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Security	Power-on password, hard disk password, administrator password	
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							Security chip	Firmware TPM 2.0 integrated in chipset	
Multi-touch	None							Fingerprint reader	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)							Battery	Integrated Li-ion 30Wh or 35Wh battery	
Optical	None							Max battery life	MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>	
Ethernet	None							AC adapter	65W round tip AC adapter	
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Preload (Opt)	Preloaded operating system - Windows® 10 Home 64 - Windows 10 Home in S mode Preloaded applications (only some listed) - Microsoft Office 365 Personal - Microsoft Office Trial (with 30-day license) - Microsoft Office Home & Student 2019	
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							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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