

ideapad S145-15API Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD 3000, Athlon™ or Ryzen™ 3 / 5 / 7 series processor							Dimensions	WxDxH: 14.3" x 10" x 0.8"; 362.2mm x 251.5mm x 19.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Weight	4.1 lb / 1.85 kg
	3020e	2	2	1.2 GHz	2.6 GHz	1MB L2 / 4MB L3	DDR4-2400	Radeon™ Graphics	Case color	Granite black IMR, granite black texture or platinum grey IMR
	Athlon 3000U			2.4 GHz	3.3 GHz			Radeon Vega 3 Graphics	Case material	PC/ABS plastic
	Ryzen 3 3200U	4	8	2.6 GHz	3.5 GHz	Radeon Vega 8 Graphics		Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)	Ports
Ryzen 5 3500U	2.1 GHz			3.7 GHz	Radeon RX Vega 10 Graphics	4-in-1 media reader (MMC, SD, SDHC, SDXC),		AC power adapter jack, headphone / microphone combo jack		
Ryzen 7 3700U	2.3 GHz			4.0 GHz				* 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	
Graphics	AMD Radeon Graphics or 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)							Security	Power-on password, hard disk password, administrator password	
Chipset	AMD SoC (System on Chip) platform							Security chip	Firmware TPM 2.0 integrated in chipset	
Memory	3020e model: 8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket Other model: 12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Fingerprint reader	None	
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							Battery	Integrated Li-Polymer 30Wh or 35Wh battery	
Multi-touch	None							Max battery life	MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh) * Battery life varies significantly with hardware configurations, settings, usage, & other factors	
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)							AC adapter	65W round tip AC adapter	
Optical	None							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	
Ethernet	None							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	
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant	
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									

Note: The specifications above may not be available in all regions and might change by region.

Lenovo
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