

# 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 300U		4	2.4 GHz	3.3 GHz			Radeon Vega 3 Graphics	Case material	PC/ABS plastic
	Ryzen 3 3200U			2.6 GHz	3.5 GHz				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>
	Ryzen 5 3500U	4	8	2.1 GHz	3.7 GHz	Radeon Vega 8 Graphics				
Ryzen 7 3700U	2.3 GHz			4.0 GHz	Radeon RX Vega 10 Graphics					
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)								Camera Audio support	0.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Chipset	AMD SoC (System on Chip) platform 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								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad 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							
		Battery	Integrated Li-Polymer 30Wh or 35Wh battery							
		Max battery life	MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>							
		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							
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								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
Multi-touch	None								Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant
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									

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

Lenovo  
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