ideapad 330S-14IKB Platform Specifications

Processor	Intel® Pentium® Processor or 7th / 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Pen 4415U			2.3 GHz	-	2MB		Intel HD Graphics 610
i3-7020U			2.3 GHz	-			
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-7130U			2.7 GHz	-			
i5-7200U			2.5 GHz	3.1 GHz			
i3-8130U			2.2 GHz	3.4 GHz	4MB		Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	
i7-8550U			1.8 GHz	4.0 GHz	8MB		

Graphics	*Some:* Intel HD Graphics 610 / 620 or Intel UHD Graphics 620 in processor only;
	Some: Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
	    AMD® Radeon™ 535 (2GB GDDR5 memory);
	Some: Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and
	    AMD Radeon 540 (2GB or 4GB GDDR5 memory);
	supports external independent display;
	Max resolution: 4096x2160@30Hz (HDMI)

Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2133MHz or 2400MHz DDR4, 4GB soldered to systemboard, one DDR4 SO-DIMM socket, dual-channel capable

Display
 	
Multi-touch
	Some: 14" (356mm) HD (1366x768), anti-glare, LED backlight,
	    220 nits, 16:9 aspect ratio
	Some: 14" (356mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
	    250 nits, 16:9 aspect ratio
	None

Storage	*Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
	Some: SSD / SATA 6.0Gb/s, 2.5" wide
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
	    (e.g. xxxGB SSD M.2 2242 PCIe NVMe)
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
	    (e.g. xxxGB SSD M.2 2280 PCIe NVMe)
	Some: M.2 SSD / SATA 6.0Gb/S

Optane Memory Optical *(optional)*	Optional Intel Optane™ Memory, 16GB, M.2 External DVD burner, 9.5mm high
Ethernet	None
WLAN Bluetooth™	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.1 Gen 1 (one for Always-On Charging), AC power adapter jack, one USB 3.1 Type-C Gen 1, HDMI 2.0, audio combo jack, security keyhole ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Dimensions Weight Case color Case material	*WxDxH:* 12.72" x 9.24" x 0.75"; 323.1mm x 234.8mm x 18.95mm 1.67 kg (3.68 lb) Blizzard white, platinum grey, mid night blue, iron grey or rose pink *Display cover:* Aluminum *Bottom:* PC/ABS plastic
Camera Audio support	HD720p (1.0MP), fixed focus, with dual array microphone HD Audio, stereo speakers with Dolby® Audio Premium, 2W x 2 / dual array microphone, audio combo jack
Keyboard Touchpad	6-row, multimedia Fn keys, optional backlight One-piece multi-touch touchpad
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole Firmware TPM 2.0 None
Battery Max battery life AC adapter	Integrated Li-Polymer 2-cell *(30Wh)* or 3-cell *(52.5Wh)* battery *MobileMark® 2014:* 6 hr *(30Wh)* / 9 hr *(52.5Wh)* ** Battery life varies significantly with hardware configurations, usage, & other factors* 45W or 65W round tip AC adapter, support rapid charge
Preload *(opt)*	*Preloaded operating system* ● Windows® 10 Home 64 ● Windows 10 Pro 64 ● Windows 10 Home in S mode *Preloaded applications (only some listed)* ● Microsoft Office Trial (with 30-day license) ● Microsoft Office 365 Personal ● Microsoft Office Personal 2016 ● Microsoft Office Personal 2019 ● Microsoft Office Home and Business 2016 ● Microsoft Office Home and Business Premium 2016 ● Microsoft Office Home and Student 2016 ● Microsoft Office Home and Business 2019 ● Microsoft Office Home and Student 2019
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 2-year/1-yr battery depot repair service
Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant