

# ideapad 330S (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® Processor, 7th Generation Intel Core™ i3 / i5 Processor, or 8th Generation Intel Core i3 / i5 / i7 Processor							Ethernet	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
	Pen 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	i3-7020U			2.3 GHz	-	3MB		Intel HD Graphics 620		
	i5-7200U			2.5 GHz	3.1 GHz	3MB				
	i3-8130U			2.2 GHz	3.4 GHz	4MB				
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
i7-8550U	1.8 GHz			4.0 GHz	8MB			Ports	Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, HDMI 1.4b, headphone / microphone combo jack, security keyhole, AC power adapter jack	
								Dimensions	<i>WxDxH:</i> 14.11" x 9.61" x 0.76"; 358.4mm x 244.1mm x 19.4mm	
								Weight	1.87 kg (4.12 lb)	
								Case color	Blizzard white, platinum grey, mid night blue, iron grey or rose pink	
								Case material	<i>Display cover:</i> aluminum <i>Bottom:</i> PC/ABS plastic	
Graphics	Intel HD Graphics 610 / 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon™ 535 (2GB GDDR5 memory), or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon 540 (2GB or 4GB GDDR5 memory), or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA GeForce® GTX 1050 (2GB or 4GB GDDR5 memory); supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)							Camera	HD720p (1.0MP), fixed focus, with dual array microphone	
								Audio support	HD Audio, stereo speakers with Dolby® Audio Premium, 2W x 2 / dual array microphone, headphone / microphone combo jack	
								Keyboard	6-row, multimedia Fn keys, numeric keypad, optional backlight	
								Touchpad	Mylar surface multi-touch touchpad	
Chipset	Intel SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password, security keyhole	
Memory	12GB max / 2133MHz or 2400MHz DDR4, dual-channel capable, 4GB soldered to systemboard, one DDR4 SO-DIMM socket							Security chip	Firmware TPM 2.0	
								Fingerprint reader	None	
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio							Battery	Integrated Li-ion 30Wh or 52.5Wh battery	
Multi-touch	None							Max battery life	<i>MobileMark® 2014:</i> 6 hrs (30Wh) / 9 hr (52.5Wh)	
Storage	<i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe) <i>Some:</i> M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) <i>Some:</i> 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 4, 32Gb/s, M.2							AC adapter	45W, 65W or 90W slim tip AC adapter, support rapid charge	
Optical (optional)	External DVD burner, 9.5mm high							Preload	Windows® 10 Home 64 or Windows 10 Pro 64	
								Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service	
								Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant	