

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		
	i3-7100U			2.4 GHz	-					
	i3-7130U			2.7 GHz	-					
	i5-7200U			2.5 GHz	3.1 GHz	4MB				
	i3-8130U	2.2 GHz	3.4 GHz	DDR4-2400	Intel UHD Graphics 620					
	i5-8250U	1.6 GHz	3.4 GHz				6MB			
	i7-8550U	1.8 GHz	4.0 GHz			8MB				
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
									Security	Power-on password, hard disk password, supervisor password, security keyhole
									Security chip	Firmware TPM 2.0
									Fingerprint reader	None
									Battery	Integrated Li-ion 30Wh or 52.5Wh battery
									Max battery life	MobileMark® 2014: 6 hrs (30Wh) / 9 hr (52.5Wh) * Battery life varies significantly with settings, usage, & other factors
									AC adapter	45W, 65W or 90W slim tip AC adapter, support rapid charge
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								Preload	Windows® 10 Home 64, Windows 10 Pro 64 or Windows 10 Home S
	Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio								Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 2-year/1-yr battery depot repair service
Multi-touch	None								Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high									
	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)									
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)									
	Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)									
Optical (optional)	Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 4, 32Gb/s, M.2 External DVD burner, 9.5mm high									