

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	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) 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
	i3-7100U			2.4 GHz	-					
	i3-7130U			2.7 GHz	-					
	i5-7200U			2.5 GHz	3.1 GHz	4MB		DDR4-2400	Intel UHD Graphics 620	Dimensions Weight Case color Case material
	i3-8130U	2.2 GHz	3.4 GHz							
	i5-8250U	1.6 GHz	3.4 GHz	6MB						
i7-8550U	1.8 GHz	4.0 GHz	8MB					Camera	HD720p (1.0MP), fixed focus, with dual array microphone	
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)								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
Chipset	Intel SoC (System on Chip) platform 12GB max / 2133MHz or 2400MHz DDR4, dual-channel capable, 4GB soldered to systemboard, one DDR4 SO-DIMM socket								Fingerprint reader	None
									Battery	Integrated Li-ion 30Wh or 52.5Wh battery
									Max battery life	MobileMark® 2014: 6 hrs (30Wh) / 9 hr (52.5Wh)
Memory									AC adapter	45W, 65W or 90W slim tip AC adapter, support rapid charge
									Preload	Windows® 10 Home 64, Windows 10 Pro 64 or Windows 10 Home S
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 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
									Environment	ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant
Multi-touch	None									
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) Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 4, 32Gb/s, M.2 External DVD burner, 9.5mm high									
Optical (optional)										