

ideapad 330 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	330-15IKB: Intel® Pentium® Processor or 7th or 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	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	
	i3-7020U			2.3 GHz	-	3MB		Intel HD Graphics 620	
	i5-7200U			2.5 GHz	3.1 GHz				
	i7-7500U			2.7 GHz	3.5 GHz				
	i3-8130U	4	8	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	
	i5-8250U			1.6 GHz	3.4 GHz	6MB			
	i7-8550U			1.8 GHz	4.0 GHz	8MB			
	330-15ICH: 8th Generation Intel Core i5 / i7 Processor								
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
i5-8300H	4	8	2.3 GHz	4.0 GHz	8MB	DDR4-2400	Intel UHD Graphics 630		
i7-8750H	6	12	2.2 GHz	4.1 GHz	9MB				
330-15IGM: Intel Celeron® Processor or Intel Pentium Processor									
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600		
Cel N4100	4	4	1.1 GHz	2.4 GHz			Intel UHD Graphics 605		
Pen N5000			1.1 GHz	2.7 GHz					
Graphics	330-15IKB: Intel HD Graphics 610 / 620 or UHD Graphics 620 in processor only, Intel HD Graphics 620 or UHD Graphics 620 in processor and AMD® Radeon™ 530 (2GB or 4GB GDDR5 memory), or Intel HD Graphics 620 or UHD Graphics 620 in processor and NVIDIA® GeForce® MX 150 (2GB or 4GB GDDR5 memory), Intel HD Graphics 610 / 620 in processor and NVIDIA GeForce MX 110 / MX 130 (2GB GDDR5 memory)								
	330-15ICH: Intel UHD Graphics 630 and NVIDIA® GeForce® GTX 1050 (2GB or 4GB GDDR5 memory)								
	330-15IGM: Intel UHD Graphics 600 or UHD Graphics 605 in processor only, Intel UHD Graphics 600 or UHD Graphics 605 in processor and AMD Radeon 530 (2GB GDDR5 memory)								
	supports external digital monitor via HDMI; supports two independent displays; Max resolution: 1920x1080@60Hz (HDMI)								
	Chipset	330-15ICH: Intel HM370 chipset Others: Intel SoC (System on Chip) platform							
	Memory	330-15IKB: 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							
		330-15ICH: 16GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							
		330-15IGM: 8GB max / 2400MHz DDR4, dual-channel capable, one DDR4 SO-DIMM socket							
	Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio							
	Multi-touch (opt)	On-cell touch, supports 10-finger multi-touch							
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 4 Some: Intel Optane™ Memory, 16GB, M.2 DVD burner, 9.0mm high, fixed, tray-in								
	Optical (optional)								
	Ethernet	Gigabit Ethernet connection							
	WLAN	Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card							
	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) 330-15IGM: one USB 2.0, one USB 3.1 Gen 1 (USB 3.0), Ethernet (RJ-45), HDMI 1.4a, AC power adapter jack, audio combo jack, security keyhole Others: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, Ethernet (RJ-45), HDMI 1.4a, AC power adapter jack, audio combo jack, security keyhole							
	Dimensions	WxDxH: 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm							
	Weight	2.2 kg (4.85 lb)							
	Case color	Blizzard white, platinum grey, onyx black, mid night blue, or chocolate brown							
	Case material	PC/ABS plastic							
Camera	Some: 0.3MP resolution, fixed focus, with single microphone Some: 720p HD, 1.0MP resolution, fixed focus, with dual array microphone Some: 720p HD, 1.0MP resolution, fixed focus, with single microphone								
Audio support	HD Audio, stereo speakers with Dolby® Audio Certification, 1.5W x 2 / single microphone, audio combo jack								
Keyboard	6-row, multimedia Fn keys, numeric keypad, optional backlight								
Touchpad	One-piece multi-touch touchpad								
Security	Supervisor password, power-on password, hard-disk password (only Non- Intel Optane memory model), security keyhole								
Security chip	Firmware TPM 2.0								
Fingerprint reader	None								
Battery	Integrated Li-Polymer 2-cell (30Wh), 2-cell (35Wh) or 3-cell (45Wh) battery								
Max battery life	MobileMark® 2014: 330-15IKB & 15IGM: 5.5 hrs (30Wh) / 6 hrs (35Wh) 330-15ICH: 8 hrs (45Wh) 330-15ICH: 90W slim tip AC adapter Others: 45W or 65W slim tip AC adapter								
AC adapter									
Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® App Explorer • Lenovo ID • Lenovo Settings • McAfee® LiveSafe™ (30-day trial)								
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								
Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant								