

ideapad 520S (14") Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 2.0 (Always On), one USB 3.1 Gen 1 (USB 3.0), HDMI (1.4), one USB 3.1 Type-C Gen 1, audio combo jack, AC power adapter jack
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Camera	<i>Some:</i> 0.3MP, fixed focus, combo single microphone <i>Some:</i> HD720p, fixed focus, combo array microphone
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620	Audio support	HD Audio, Harman® stereo speakers with Dolby® Audio, 2W x 2 / dual single / array microphone, combo audio jack
i7-8550U	1.8 GHz			4.0 GHz	8MB					
Graphics	Intel UHD Graphics 620 in processor or Intel UHD Graphics 620 in processor and NVIDIA GeForce 940MX / MX130 2GB GDDR5 memory; Max resolution: 1920x1080@60Hz (HDMI);								Keyboard Touchpad	6-row, multimedia Fn keys, optional backlight One-piece multi-touch touchpad
Chipset Memory	Intel Soc (System on Chip) platform 8GB max / 2400MHz DDR4, one SO-DIMM socket								Security	Power-on password, hard-disk password, administrator password, security keyhole
Display	<i>Some:</i> 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio								Security chip	None
Multi-touch	None								Fingerprint reader	<i>Optional:</i> touch style fingerprint reader on the palm rest
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> M.2 SSD / PCIe 3.0 x 4								Battery type	<i>Some:</i> integrated Li-Polymer 2-cell (30Wh) battery <i>Some:</i> integrated Li-Polymer 3-cell (52.5Wh) battery
Optical (opt)	External DVD±RW, 9.5mm high, tray-in								Max battery life AC adapter	<i>MobileMark® 2014:</i> 7 hrs (2-cell battery) or 12 hrs (3-cell battery) <i>Some:</i> 45W 2-pin AC adapter <i>Some:</i> 65W 2-pin AC adapter <i>Some:</i> 65W 3-pin AC adapter
Ethernet WLAN	None <i>Some:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>Some:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								Preload	Windows® 10 Home 64
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service
Dimensions Weight Case color Case material	<i>WxDxH:</i> 12.9" x 9.3" x 0.76" (327.4mm x 236.5mm x 19.3mm) 1.7kg (3.7lb) Bronze / ballerina pink / gold / mineral grey / plum purple <i>Display cover:</i> aluminum <i>Bottom:</i> PC/ABS plastic								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant