ideapad S340-15IWL Platform Specifications

Processor	Intel® Pentium® Processor 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
Pentium Gold 5405U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610
i3-8145U			2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB		
i7-8565U			1.8 GHz	4.6 GHz	8MB		

Graphics	Intel UHD Graphics 610 / 620 in processor only, Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX110 / MX230 / MX250, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)
Chipset	Intel SoC (System on Chip) platform
Memory	12GB max / 2400MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket *System clocks down for processors with lower memory controller*
Display	*One of the following, configurable by model:* • 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • 15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio
Multi-touch *(opt)*	Supports 10-finger gesture
Storage	*Up to 2 drives (one HDD and one M.2 SSD):* • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)
Optane Memory	*Optional*: 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2
Optical *(opt)*	External DVD burner, 9.5mm high
Ethernet	None
WLAN	*One of the following, configurable by model:* • 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card • 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Dimensions	*WxDxH:* 14.1" x 9.65" x 0.7"; 358mm x 245mm x 17.9mm
Weight	3.95 lb / 1.79 kg
Case color	Abyss blue, dark orchid, onyx black or platinum grey
Case material	*Display cover:* Aluminum *Bottom:* PC/ABS plastic

Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Camera	HD720p (1.0MP) with privacy shutter, fixed focus
Audio support	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone or monaural microphone, headphone / microphone combo jack
Keyboard	6-row, multimedia Fn keys, numeric keypad, optional LED backlight
Touchpad	Buttonless Mylar surface multi-touch touchpad
Security	Power-on password, hard disk password, supervisor password
Security chip	Firmware TPM 2.0 integrated in chipset
Fingerprint reader	None
Battery	Integrated Li-ion 36Wh or 52.5Wh battery, supports rapid charge (1 hour 80%)
Max battery life	*MobileMark® 2014:* 36Wh (8hr), 52.5Wh (10hr) ** Battery life varies significantly with hardware configurations, settings, usage, & other factors*
AC adapter	45W or 65W round tip AC adapter
Preload *(opt)*	*Preloaded operating system* • Windows® 10 Home 64 • Windows 10 Home in S mode • Windows 10 Pro 64 *Preloaded applications (only some listed)* • Microsoft Office 365 Personal • Microsoft Office 365 Home • Microsoft Office Home and Business 2019 • Microsoft Office Home and Student 2019 • Microsoft Office Trial (with 30-day license) • Microsoft Office Professional 2019 • Microsoft Office Personal 2019
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® 7.0; ErP lot3; RoHS-compliant

Note: The specifications above may not be available in all regions.