



# ideapad 320S (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 / i7 Processor								Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.1 Gen 1 (USB 3.0), one USB 2.0 Always On, one USB 3.1 Type-C Gen 1, HDMI 1.4b
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Dimensions	<i>WxDxH:</i> 14.28" x 9.92" x 0.78"; 362.7mm x 252mm x 19.9mm
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Weight	1.89 kg (4.17 lb)
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Case color	<i>Display cover:</i> mineral grey or snow white <i>Bottom:</i> platinum silver or snow white
i7-7500U	2.7 GHz			3.5 GHz	4MB	Case material			<i>Display cover:</i> aluminum forming <i>Bottom:</i> PC/ABS plastic	
Graphics	Intel HD Graphics 620 in processor only, or Intel HD Graphics 620 in processor and NVIDIA GeForce® 920MX or 940MX, 2GB GDDR5 memory; supports dual independent display; Max resolution: 4096x2160@30Hz (HDMI)								Camera	0.3MP with integrated monaural microphone or HD720p (1.0MP) with array microphone, fixed focus
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio by Harman, stereo speakers with Dolby® Audio, 2W x 2 / monaural or array microphone, combo audio / microphone jack
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket								Keyboard	6-row, multimedia Fn keys, optional LED backlight
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio								Touchpad	One-piece multi-touch touchpad
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password, security keyhole
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> M.2 SSD / PCIe 3.0 x 4, 32Gb/s								Security chip	None
Optical (optional)	DVD burner, 9.5mm high, fixed, not removable, tray-in								Fingerprint reader	None
Ethernet	None								Battery	Integrated Li-Polymer 2-cell (30Wh) or 3-cell (52.5Wh) battery
WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card								Max battery life	<i>MobileMark® 2014:</i> 8 hr (30Wh) / 9 hr (52.5Wh)
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	45W or 65W AC adapter
									Preload	Windows® 10 Home 64
									Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service
									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

## ideapad 320S (15") - 80X5

Product Specifications Reference (PSREF)

Model	Product	Region	Processor	Graphics	Memory	Display	Multi-touch	Storage	Optical	Ethernet	WLAN + Bluetooth	Color	Camera	Micro-phone	Keyboard	Finger-print Reader	Battery (internal)	Power Adapter	Operating System	Warranty	Ann Date (m/y)
80X5005KCF	ideapad 320S-15IKB	Canada	i7-7500U	940MX 2GB	8GB DDR4-2133 DIMM	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	None	11ac, 1x1 + BT4.1	Mineral Grey	720p	Dual Array	Backlit	None	3-cell (52.5Wh)	65W	Windows 10 Home 64	1-year, Depot	09/17
80X5005DUS	ideapad 320S-15IKB	US	i5-7200U	940MX 2GB	8GB DDR4-2133 DIMM	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	None	11ac, 1x1 + BT4.1	Mineral Grey	720p	Dual Array	Backlit	None	3-cell (52.5Wh)	65W	Windows 10 Home 64	1-year, Depot	09/17
80X5005EUS	ideapad 320S-15IKB	US	i7-7500U	940MX 2GB	8GB DDR4-2133 DIMM	15.6" FHD (1920x1080) IPS	None	1TB 5400rpm	None	None	11ac, 1x1 + BT4.1	Mineral Grey	720p	Dual Array	Backlit	None	3-cell (52.5Wh)	65W	Windows 10 Home 64	1-year, Depot	09/17