

# Ideapad 100-15IBY Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor or Intel Pentium® Processor							Dimensions	<i>WxDxH:</i> 14.88" x 10.43" x 0.89"; 378mm x 265mm x 22.6mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Speed	Processor Graphics	Weight	2.3 kg (5.07 lb)
	Celeron N2840	2	2	2.16 GHz	2.58 GHz	1MB	DDR3L-1333	Intel HD Graphics	Case color	Black texture
	Celeron N2940	4	4	1.83 GHz	2.25 GHz	2MB			Case material	PC/ABS plastic
Pentium N3540	4	4	2.16 GHz	2.66 GHz	2MB	Media reader			4-in-1 reader (MMC, SD, SDHC, SDXC)	
Graphics	Intel HD Graphics in processor, supports dual independent display Max resolution: 1920x1080@60Hz (HDMI)							Ports	One USB 3.0, one USB 2.0, HDMI, Ethernet (RJ-45)	
Chipset	Intel SoC (System on Chip) platform							Camera	0.3MP, fixed focus, integrated monaural microphone	
Memory	8GB max / 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket * System clocks down for processors with lower memory controller							Audio support	HD Audio, monaural speaker, 1.5W / monaural microphone, combo audio/microphone jack	
Display	15.6" (396mm) HD (1366x768), LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio							Keyboard	6-row, multimedia Fn keys, numeric keypad	
Multi-touch	None							Touchpad	One-piece touchpad	
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 or 9.5mm high							Security	Power-on password, hard disk password, supervisor password, security keyhole	
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in processor							Security chip	None	
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in							Fingerprint reader	None	
Ethernet	10/100M Ethernet connection							Battery type	Integrated Li-Ion 3-cell (24Wh) battery	
Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Battery life	up to 4hr	
WLAN	<i>11b/g/n:</i> 11b/g/n, 1x1, PCI Express Mini Card <i>11b/g/n+BT:</i> 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, PCI Express Mini Card							AC adapter	45-watt AC adapter	
								Preload	<i>Some:</i> Windows® 8.1 64-bit <i>Some:</i> Windows 10 Home 64 • Lenovo® OneKey® Optimizer • Lenovo® SHARÉit • Phone Companion 2.0 • McAfee® LiveSafe™ (30-day trial)	
								Limited warranty	<i>One of the following, configurable by model:</i> • 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	

# Ideapad 100-15IBD Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor or 5th Generation Intel Core™ i3 / i5 Processor							Dimensions	<i>WxDxH:</i> 14.88" x 10.43" x 0.90"; 378mm x 265mm x 22.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2.3 kg (5.07 lb)
	Cel 3215U	2	2	1.7 GHz	-	2MB	DDR3L-1600	Intel HD Graphics	Case color	Black texture
	i3-5005U		4	2 GHz	-	3MB		Intel HD Graphics	Case material	PC/ABS plastic
i5-5200U	4		2.2 GHz	2.7 GHz	3MB	Intel HD Graphics 5500		Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
								Ports	One USB 3.0, one USB 2.0, HDMI, Ethernet (RJ-45)	
Graphics	Intel HD Graphics or Intel HD Graphics 5500 in processor, supports dual independent display Max resolution: 1920x1080@60Hz (HDMI)							Camera	0.3MP, fixed focus, integrated monaural microphone	
Chipset	Intel SoC (System on Chip) platform							Audio support	HD Audio, monaural speaker, 1.5W / monaural microphone, combo audio/microphone jack	
Memory	8GB max / 1600MHz DDR3L, dual-channel capable, optional 2GB memory soldered to systemboard, one DDR4 SO-DIMM socket							Keyboard	6-row, multimedia Fn keys, numeric keypad	
Display	15.6" (396mm) HD (1366x768), LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio							Touchpad	One-piece 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 or 9.5mm high							Security chip	None	
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in processor							Fingerprint reader	None	
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in							Battery type	Integrated Li-Ion 4-cell (32Wh) battery	
Ethernet	10/100M Ethernet connection							Battery life	up to 4hr	
Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							AC adapter	45-watt AC adapter	
WLAN	<i>11b/g/n:</i> 11b/g/n, 1x1, PCI Express Mini Card <i>11b/g/n+BT:</i> 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, PCI Express Mini Card							Preload	<i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 • Lenovo® OneKey® Optimizer • Lenovo® SHAREit • Phone Companion 2.0 • McAfee® LiveSafe™ (30-day trial)	
								Limited warranty	<i>One of the following, configurable by model:</i> • 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	