

Lenovo G50 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor, Intel Pentium® Processor, 4th Generation Intel Core™ i3 / i5 / i7 Processor, or 5th Generation Intel Core i3 / i5 / i7 Processor							Ethernet	10/100M or 100/1000M (gigabit) Ethernet connection
								Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
								WLAN	<i>11b/g/n+BT:</i> 11b/g/n, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>11ac+BT:</i> 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card <i>Intel 3160 ac+BT:</i> 11ac, 1x1, Intel Dual Band Wireless-AC 3160, Wi-Fi + Bluetooth combo adapter, M.2 Card
								Dimensions	<i>WxDxH:</i> 15.11" x 10.43" x 0.98"; 384mm x 265mm x 25.0mm
								Weight	<i>Touch models:</i> 2.60kg (5.73 lb) <i>Optical models:</i> 2.50kg (5.51 lb) <i>Other models:</i> 2.36kg (5.20 lb)
								Case color	<i>Display cover:</i> black texture, black painting, red painting, or silver painting
								Case material	<i>Bottom:</i> black PC/ABS plastic
								Media reader	2-in-1 reader (MMC, SD)
								Ports	One USB 3.0, two USB 2.0, VGA, HDMI, Ethernet (RJ-45)
								Camera	0.3MP or HD720p (1.0MP), fixed focus
Graphics								Audio support	HD Audio, stereo speakers with Dolby® Advanced Audio™ v2, 1.5W x 2 / monaural or dual array microphone, combo audio/microphone jack
	Intel HD Graphics, Intel HD Graphics 4400 or 5500 in processor only, Intel HD Graphics and NVIDIA® GeForce® 820M, 1GB memory, Intel HD Graphics 4400 and AMD Radeon™ R5 M230, 1GB or 2GB memory, or Intel HD Graphics 5500 and AMD Radeon™ R5 M330, 1GB or 2GB memory; supports dual independent display Max resolution: 1920x1200@60Hz (HDMI), 2048 x 1536@85Hz (VGA)							Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad
								Touchpad	One-piece multi-touch touchpad
								Security	Power-on password, hard disk password, supervisor password, security keyhole
								Security chip	None
								Fingerprint reader	None
								Battery type	Li-Ion 4-cell (32Wh or 41Wh) battery
								Battery life	Up to 7hr
								AC adapter	<i>Integrated models:</i> 45-watt AC adapter; <i>Discrete models:</i> 65-watt AC adapter
								Preload	<i>Some:</i> Windows® 8.1 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit <i>Some:</i> Windows 10 Home 64 <ul style="list-style-type: none"> • Amazon Kindle • Evernote • Skype • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate
Chipset	Intel SoC (System on Chip) platform <i>N2830 / N3530 models:</i> 8GB max / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket, system automatically clocks down for 1333MHz DDR3 memory controller <i>Other models:</i> 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets							Battery type	Li-Ion 4-cell (32Wh or 41Wh) battery
Memory								Battery life	Up to 7hr
							AC adapter	<i>Integrated models:</i> 45-watt AC adapter; <i>Discrete models:</i> 65-watt AC adapter	
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768) color, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080) color, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio							Preload	<i>Some:</i> Windows® 8.1 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit <i>Some:</i> Windows 10 Home 64 <ul style="list-style-type: none"> • Amazon Kindle • Evernote • Skype • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture								
Storage	<i>Some:</i> HDD / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high <i>Some:</i> SSHD with 8GB NAND flash memory							Limited warranty	1-year limited warranty / service upgrades available
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in processor or chipset							Environment	EPEAT™ Silver; ENERGY STAR® 6.0; RoHS-compliant
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in								