

Lenovo G40 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor							Dimensions	<i>WxDxH:</i> 13.74" x 9.65" x 0.98"; 349mm x 245mm x 24.8mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Speed	Processor Graphics	Weight	<i>Optical models:</i> 2.1kg (4.63 lb) <i>Other models:</i> 2.0kg (4.41 lb)
	Celeron N2830	2	2	2.16 GHz	2.41 GHz	1MB	DDR3L-1333	Intel HD Graphics	Case color	<i>Display cover:</i> black texture, black painting, black IMR, red painting, red IMR, or silver painting
	Celeron 3205U			1.5 GHz	-	2MB	DDR3L-1600	Intel HD Graphics	Case material	<i>Bottom:</i> black PC/ABS plastic
	i3-5005U	2	4	2 GHz	-	3MB	DDR3L-1600	Intel HD graphics 5500	Media reader	2-in-1 reader (MMC, SD)
i3-5010U	2.1 GHz			-	Ports				One USB 3.0, two USB 2.0, VGA, HDMI, Ethernet (RJ-45), audio combo jack	
i5-5200U	2.2 GHz			2.7 GHz	Camera				0.3MP or HD720p (1.0MP), fixed focus	
Graphics	Intel HD Graphics in processor only, or Intel HD Graphics and NVIDIA® GeForce® 820M, 1GB memory; supports dual independent display Max resolution: 1920x1200@60Hz (HDMI), 2048 x 1536@85Hz (VGA)							Audio support	HD Audio, stereo speakers with Dolby® Advanced Audio™ v2, 1.5W x 2 / monaural microphone, audio combo jack	
Chipset	Intel SoC (System on Chip) platform							Keyboard	6-row, spill-resistant, multimedia Fn keys	
Memory	<i>G40-30 models:</i> 8GB max / PC3-12800 1600MHz DDR3L, one 204-pin SO-DIMM socket <i>G40-80 models:</i> 16GB max / PC3-12800 1600MHz DDR3L, dual-channel capable, two 204-pin SO-DIMM sockets							Touchpad	One-piece multi-touch touchpad	
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768) color, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 14.0" (355mm) FHD (1920x1080) color, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio							Security	Power-on password, hard disk password, supervisor password, security keyhole	
Multi-touch	None							Security chip	None	
SATA disk	<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							Fingerprint reader	None	
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in processor							Battery type	Li-Ion 4-cell (<i>32Wh</i> or <i>41Wh</i>) battery	
Optical (optional)	DVD burner, 9.0mm high, fixed, not removable, tray-in							Battery life	<i>4-cell (32Wh):</i> up to 7hr; <i>4-cell (41Wh):</i> up to 8hr	
Ethernet	10/100M or 100/1000M (gigabit) Ethernet connection							AC adapter	45-watt or 65-watt AC adapter	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo 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	
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								• Amazon Kindle • Evernote • Skype • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate	
								Limited warranty	1-year limited warranty / service upgrades available	
								Environment	EPEAT™ Silver; ENERGY STAR® 6.0; RoHS-compliant	