

# Lenovo B50-80 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor or 5th Generation Intel® Core™ i3 / i5 / i7 Processors							Media reader Ports	4-in-1 card reader (SD, SDHC, SDXC, MMC) USB 3.0 x 2, USB 2.0 x 1, VGA, HDMI, Ethernet (RJ-45), audio combo jack, optional OneLink dock connector	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	TV tuner	None
	Cel 3205U	2	2	1.5 GHz	-	2MB	DDR3L-1600MHZ	Intel HD graphics	Camera	720p HD, 1.0MP resolution, fixed focus, combo array mic
	i3-5005U	2	4	2.0 GHz	-	3MB	DDR3L-1600MHZ	Intel HD graphics 5500	Audio support	Stereo speakers with Dolby® Advanced Audio, 1.5W x 2, 2.0 channel, monaural digital array microphone, combo audio / microphone jack
	i3-5010U			2.1 GHz	-	3MB			Keyboard	AccuType® keyboard, full-size keyboard, 6-row, multimedia Fn keys, numeric keypad, Novo button
i5-5200U	2.2 GHz			2.7 GHz	3MB	Touchpad			One-piece multi-touch touchpad with tow buttons	
i7-5500U	2.4 GHz			3.0 GHz	4MB	Security			Power-on password, hard disk password, supervisor password, Kensington lock slot	
Graphics	<i>Some:</i> Intel HD Graphics 5500 only, integrated in processor <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R5 M230, 1GB or 2GB memory <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R5 M330, 1GB or 2GB memory Max video resolution: 1920x1200@60Hz (HDMI), 2048 x 1536@85Hz (VGA)							Security chip	None	
Chipset	Intel Soc (System on Chip) platform							Fingerprint reader	Optional Fingerprint reader on the keyboard bezel, swipe sensor	
Memory	16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets							Battery type	Li-Cylinder 4-cell (32Wh or 41Wh) battery	
Widescreen display	<i>Some:</i> 15.6" (396.2mm) FHD (1920x1080), anti-glare, LED backlight, 16:9 aspect ratio, 200 nits, 500:1 contrast ratio <i>Some:</i> 15.6" (396.2mm) HD (1366x768), anti-glare, LED backlight, 16:9 aspect ratio, 200 nits, 500:1 contrast ratio							Battery life	Up to 5.5hrs	
Multi-touch	None							AC adapter	<i>Some:</i> 45-watt AC adapter, for models with integrated graphics <i>Some:</i> 65-watt AC adapter, for models with discrete graphics	
Storage	<i>Some:</i> HDD / 2.5" wide, 9.5mm or 7mm height <i>Some:</i> Hybrid drive with 8GB NAND flash memory, 2.5" wide, 9.5mm or 7mm height							Preload	<i>Some:</i> Windows® 7 Professional 64-bit <i>Some:</i> Windows® 7 Professional 64-bit preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Preinstalled software includes but not limited to the following: <ul style="list-style-type: none"> <li>• Lenovo Veriface® Pro</li> <li>• Zinio® Online Newsstand</li> <li>• Lenovo Companion</li> <li>• Amazon Kindle</li> <li>• Evernote®</li> <li>• Lenovo® Support</li> <li>• Lenovo Cloud Storage</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> </ul>	
Optical (optional)	<i>Some:</i> SSD / SATA 6.0 Gb/s, 2.5" wide Integrated ODD with DVD±RW, 9.0mm height, tray-in							Limited warranty	1 or 2 years limited warranty / service upgrades available	
Ethernet	Gigabit Ethernet connection							Environment	EPEAT™ Silver; ENERGY STAR® 6.0; RoHS-compliant	
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>• 11b/g/n, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card</li> <li>• 11ac, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card</li> <li>• Intel Dual Band Wireless-AC 3160, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card,</li> </ul>									
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
WWAN	None									
Dimensions	WxDxH: 14.96" x 10.31" x 0.97" (380mm x 262mm x 24.7mm)									
Weight	2.15kg (4.74lb) without ODD; 2.32kg (5.11lb) with ODD									
Case color	Black									
Case material	Top: PC/ABS plastic; Bottom: PC/ABS plastic									