

# Lenovo Z51-70 Platform Specifications

Product Specifications Reference (PSREF)

Processor	5th Generation Intel® Core™ i3 / i5 / i7 Processors							Camera	<i>Some:</i> 720p HD, 1.0MP resolution, fixed focus, combo array mic <i>Some:</i> Intel® RealSense™ 3D camera, combo array mic	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	Audio support	<i>Some:</i> Stereo speakers with Dolby® Home Theater, 2.5W x 2 <i>Some:</i> JBL speakers with Dolby® Home Theater, 2.5W x 2 2.0 channel, dual array microphone, combo audio / microphone jack
	i3-5005U	2	4	2.0 GHz	-	3MB	DDR3L-1600MHZ	Intel HD graphics 5500	Keyboard	<i>Some:</i> AccuType® keyboard, full-size keyboard, 6-row, multimedia Fn keys, numeric keypad
	i3-5010U			2.1 GHz	-	3MB				<i>Some:</i> AccuType® keyboard with backlight, full-size keyboard, 6-row, multimedia Fn keys, numeric keypad
	i5-5200U			2.2 GHz	2.7 GHz	3MB				
i7-5500U	2.4 GHz			3.0 GHz	4MB					
Graphics	<i>Some:</i> Intel HD Graphics 5500 only, integrated in processor <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R7 M360, 2GB or 4GB memory <i>Some:</i> Integrated Intel Graphics and AMD Radeon™ R9 M375, 2GB or 4GB memory Max video resolution supported for external monitor: 1920x1200@60Hz (HDMI 1.4a); 3840 x 2160@30Hz, 24bpp (VGA)							Touchpad	One-piece multi-touch touchpad with button	
Chipset	Intel Soc (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password, security keyhole	
Memory	16GB max / PC3-12800 1600MHZ DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets							Security chip	None	
Widescreen display	<i>Some:</i> 15.6" (396.2mm) FHD (1920x1080), anti-glare, LED backlight, 16:9 aspect ratio, 200 nits, 400:1 contrast ratio							Fingerprint reader	None	
	<i>Some:</i> 15.6" (396.2mm) FHD (1920x1080), glare, LED backlight, 16:9 aspect ratio, 200 nits, 500:1 contrast ratio							Battery type	Li-Cylinder 4-cell (32Wh or 41Wh) battery	
Multi-touch	None							Battery life	Up to 4hrs	
Storage	<i>Some:</i> HDD / 2.5" wide, 9.5mm or 7mm high <i>Some:</i> Hybrid drive with 8GB NAND flash memory, 2.5" wide, 9.5mm or 7mm high <i>Some:</i> SSD / SATA 6.0 Gb/s, 2.5" wide							AC adapter	<i>Some:</i> 45-watt AC adapter, for models with integrated graphics only <i>Some:</i> 65-watt AC adapter, for models with discrete graphics	
Optical (optional)	Integrated ODD with DVD±RW, 9.0mm high, tray-in							Preload	Windows® 8.1 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>• McAfee® LiveSafe™ (30-day trial)</li> <li>• Microsoft Office preloaded; purchase a product key to activate Software for models with 3D camera</li> <li>• Intel Out of Box Experience</li> <li>• Personify</li> <li>• BBB Goal</li> <li>• Wave Warrior</li> </ul>	
Ethernet	Gigabit Ethernet connection							Limited warranty	1 or 2 years limited warranty / service upgrades available	
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <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>							Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
WWAN	None									
Dimensions	WxDxH: 15.12" x 10.43" x 0.97" (384mm x 265mm x 24.6mm)									
Weight	2.3kg (5.07lb) with 4-cell battery									
Case color	<i>Top:</i> black or white; <i>Bottom:</i> black or white, match top color									
Case material	<i>Top:</i> PC/ABS plastic; <i>Bottom:</i> PC/ABS plastic									
Media reader	4-in-1 reader (SD, SDHC, SDXC, MMC)									
Ports	USB 3.0 x 2, USB 2.0 x 1, VGA, HDMI, Ethernet (RJ-45), audio combo jack									
TV tuner	None									