Lenovo Z70-80 Platform Specifications

Processor	5th Generation Intel® Core™ i3 / i5 / i7 Processors						
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Speed	Processor Graphics

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i3-5005U	2	4	2.0 GHz	-	3MB	DDR3L-1600MHZ	Intel HD Graphics 5500
i3-5010U			2.1GHz	-	3MB		
i5-5200U			2.2 GHz	2.7 GHz	3MB		
i7-5500U			2.0 GHz	3.0 GHz	4MB		

Graphics
Some: Intel HD Graphics 5500, intergrated in processor only
Some: Intel HD Graphics 5500 in processor and NVIDIA® GeForce® 840M, 2GB or 4GB memory, DirectX 11
Max video resolution: 1920x1200@60Hz (HDMI), 2048 x 1536@85Hz (VGA)

Chipset Intel Soc (System on Chip) platform
Memory 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

Diskplay 17.3" (439.42mm) FHD (1920x1080) color, LED backlight, 16:9 aspect ratio, 300 nits, 400:1 contrast ratio
Multi-touch None

SATA disk
Some: HDD / 2.5" wide, 9.5mm or 7mm height
Some: Hybrid drive with 8GB NAND flash memory / 2.5" wide, 9.5mm or 7mm height
M.2 SSD None
Optical (*optional*) ODD with DVD±RW, 9.0mm high, tray-in

Ethernet Gigabit Ethernet connection
Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
TV tuner None

WLAN *One of the following, configurable by model:*
• 11b/g/n, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card
• 11ac, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card
• 11ac, 2x2, Wi-Fi + BT4.0 combo adapter, M.2 Card
• Intel Dual Band Wireless-AC 3160, 1x1, Wi-Fi + BT4.0 combo adapter, M.2 Card
WWAN None

Dimensions WxDxH: 16.46" x 11.14" x 0.99" (418mm x 283mm x 25.2mm)
Weight 3.0kg (6.61lb) with 4-cell battery
Case color Balck
Case material *Top:* Metal; *Bottom:* PC/ABS plastic

Multicard reader 2-in-1 reader (SD, MMC)
Port USB 3.0 x 1, USB 2.0 x 2, VGA, HDMI, Ethernet (RJ-45), audio combo jack

Camera 720p HD, 1.0MP resolution, fixed focus, combo array mic
Audio support HD Audio, JBL® stereo speakers with Dolby® Home Theater v2, 1.5W x 2, 2.0 channel, dual array microphone, combo audio / microphone jack
Keyboard AccuType® keyboard, full-size keyboard, 6-row, multimedia Fn keys, Novo key, numeric keypad
Touchpad Multi-touch with 2 buttons click pad

Security Power-on password, hard disk password, supervisor password, security keyhole
Security chip None
Fingerprint reader None

Battery type Li-polymer 4-cell (41Whr) battery
Battery life Up to 4hrs
AC adapter 45-watt or 65-watt AC adapter, 100-240V

Preload
Some: No operating system
Some: Windows® 8.1 64-bit
Some: Windows 8.1 Professional 64-bit
Some: Windows 10 Home 64
Preinstalled software includes but not limited to the following:
• Lenovo Veriface® Pro
• Zinio® Online Newsstand
• Lenovo Photo Master
• Evernote®
• Lenovo® SHAREit
• McAfee® LiveSafe™ (30-day trial)
• Microsoft Office preloaded; purchase a product key to activate

Limited warranty 1 or 2 years limited warranty / service upgrades available
Environment EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant