

# Lenovo Z710 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® 4th Generation Intel Core™ i3 / i5 / i7 Processor	Dimensions Weight	<i>WxDxH:</i> 16.30" x 10.63" x 1.28"; 414mm x 270mm x 32.5mm <i>Optical models:</i> 2.9kg (6.39 lb) <i>Other models:</i> 2.7kg (5.95 lb)																												
	<table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Frequency</th> <th>Cache</th> <th>Memory Speed</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>i3-4100M</td> <td>2</td> <td>4</td> <td>2.5 GHz</td> <td>-</td> <td>3MB</td> <td rowspan="3">DDR3L-1600</td> <td rowspan="3">Intel HD graphics 4600</td> </tr> <tr> <td>i5-4210M</td> <td>2</td> <td>4</td> <td>2.6 GHz</td> <td>3.2 GHz</td> <td>3MB</td> </tr> <tr> <td>i7-4710MQ</td> <td>4</td> <td>8</td> <td>2.5 GHz</td> <td>3.5 GHz</td> <td>6MB</td> </tr> </tbody> </table>	Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Speed	Processor Graphics	i3-4100M	2	4	2.5 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4600	i5-4210M	2	4	2.6 GHz	3.2 GHz	3MB	i7-4710MQ	4	8	2.5 GHz	3.5 GHz	6MB	Case color	<i>Display cover:</i> black texture <i>Bottom:</i> black
Processor Number	# of Cores	# of Threads	Base Frequency	Max Frequency	Cache	Memory Speed	Processor Graphics																								
i3-4100M	2	4	2.5 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4600																								
i5-4210M	2	4	2.6 GHz	3.2 GHz	3MB																										
i7-4710MQ	4	8	2.5 GHz	3.5 GHz	6MB																										
		Case material	PC/ABS plastic																												
		Multicard reader	2-in-1 reader (MMC, SD)																												
		Ports	Two USB 3.0, two USB 2.0, VGA, HDMI, Ethernet (RJ-45), Audio combo jack																												
		Camera	HD720p (1.0MP), fixed focus																												
		Audio support	HD Audio, stereo speakers with Dolby® Home Theater V4, 1.5W x 2 / dual array microphone, audio combo jack																												
Graphics	Intel HD Graphics 4600 in processor only, or NVIDIA® GeForce® GT 740M/GT 745M/840M, PCI Express 3.0, 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																												
Chipset	Intel HM86 ( <i>Non-vPro model</i> ) Express Chipset	Security	Power-on password, hard disk password, supervisor password, security keyhole																												
Memory	16GB max / PC3-12800 1600MHz DDR3L, two 204-pin SO-DIMM sockets	Security chip	None																												
		Fingerprint reader	None																												
Widescreen display	<i>Some:</i> 17.3" (439mm) HD+ (1600x900) color, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 17.3" (439mm) FHD (1900x1080) color, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio	Battery type	Li-Ion 4-cell ( <i>41Wh</i> ) battery																												
Multi-touch	None	Battery life	<i>4-cell (41Wh):</i> up to 4.5hr;																												
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	AC adapter	65-watt or 95-watt or 135-watt AC adapter																												
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in processor	Preload	<i>Some:</i> Windows® 8 / 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit																												
Optical ( <i>optional</i> )	<i>Some:</i> DVD burner, 9.5mm high, fixed, not removable, tray-in <i>Some:</i> Blu-ray burner, 9.0mm high, SATA interface		<ul style="list-style-type: none"> <li>• Amazon Kindle</li> <li>• Evernote</li> <li>• Skype</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> <li>• CyberLink YouCam</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> </ul>																												
Ethernet	Gigabit Ethernet connection	Limited warranty	1-year or 2-year limited warranty / service upgrades available																												
WLAN	<i>11b/g/n:</i> 11b/g/n, 1x1, M.2 Card <i>11b/g/n+BT:</i> 11b/g/n, 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 adapter, M.2 Card <i>Intel 7260 b/g/n+BT:</i> 11b/g/n, 2x2, Intel Dual Band Wireless-N 7260, Wi-Fi + Bluetooth adapter, M.2 Card <i>Intel 7260 ac+BT:</i> 11ac, 2x2, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth adapter, M.2 Card	Environment	EPEAT™ Silver; ENERGY STAR® 6.0; RoHS-compliant																												
Bluetooth™ ( <i>opt</i> )	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																														