

# Flex-15IML Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel Core™ i5 / i7 Processor								Dimensions	<i>WxDxH:</i> 14.33" x 9.84" x 0.81"; 364mm x 250mm x 20.5mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	2 kg / 4.41 lb
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics	Case color	Onyx black or platinum
i7-10510U	1.8 GHz			4.9 GHz	8MB	Case material			<i>Display cover:</i> PC + GF <i>Bottom:</i> PC/ABS plastic	
Graphics	NVIDIA® GeForce® MX230, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports two independent displays; Max resolution: 1920x1080@60Hz (HDMI)								Camera	HD720p with privacy shutter, fixed focus
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone, 3.5mm (0.14inch) headphone / microphone combo jack
Memory	16GB max offering / 2666MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Keyboard	6-row, multimedia Fn keys, LED backlight
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) HD (1366x768), TN, glossy, LED backlight, 220 nits, 16:9 aspect ratio, 45% NTSC gamut</li> <li>15.6" (396mm) FHD (1920x1080), WVA, glossy, LED backlight, 250 nits, 16:9 aspect ratio, 45% NTSC gamut</li> </ul>								Touchpad	Buttonless mylar surface multi-touch touchpad
Multi-touch	Supports 10-finger gesture								Security	Administrator password, User password, Master hard disk password, User hard disk password
Multi-mode	4 modes: notebook, tablet, stand and tent; 360° hinge								Security chip	Firmware TPM 2.0 integrated in chipset
Pen (optional)	Lenovo Digital Pen, with replaceable battery or without battery (battery need to be purchased separately for the models without battery)								Fingerprint reader	<i>Optional:</i> touch style Match-on-Host fingerprint reader on the keyboard bezel
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>								Battery	Integrated Li-Polymer 52.5Wh battery
Optical	None								Max battery life	<i>MobileMark® 2014:</i> 12.5 hrs <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>
Ethernet	None								AC adapter	65W Round Tip AC adapter, supports rapid charge (1 hour 80%)
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>802.11ac 1x1 Wi-Fi + Bluetooth 4.2</li> <li>802.11ac 2x2 Wi-Fi + Bluetooth 4.2</li> </ul>								Preload	<i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows® 10 Pro 64</li> </ul>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	• 1-year depot repair service
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)								Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant
Ports	Two USB 3.1 Type-A Gen 1 (one Always On), one USB 3.1 Type-C™ Gen 1, HDMI 1.4b, 4-in-1 media reader, AC power adapter jack, 3.5mm (0.14inch) headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>									

The specifications above may not be available in all regions and might change by region.

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