

# ThinkPad 13 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® processor or 6th Generation Intel Core™ i3 / i5 Processor								Smart card reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0 (one Always On), one USB Type-C, HDMI, Lenovo OneLink+ connector	
	Cel 3855U	2	2	1.6 GHz	-	2MB	DDR4-2133	Intel HD graphics 510	Camera Audio support	HD720p resolution, low light sensitive, fixed focus HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack	
	i3-6100U			2.3 GHz	-	3MB		Intel HD graphics 520			
	i5-6200U			4	2.3 GHz	2.8 GHz			3MB		
i5-6300U	2.4 GHz				3.0 GHz	3MB					
i7-6500U			2.5 GHz	3.1 GHz	4MB			Keyboard UltraNav™	ThinkPad Windows keyboard, 6-row, multimedia Fn keys TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch		
Graphics	Intel HD Graphics 510 or 520 in processor, supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 1920x1080 (HDMI)@60Hz, 3840X2160 (USB Type-C)@60Hz								Security Security chip vPro (optional)	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Intel vPro Technology	
Chipset Memory	Intel SoC (System on Chip) platform 16GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets								Fingerprint reader	Optional: Swipe style fingerprint reader on the keyboard bezel	
Display	<i>Some:</i> 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio <i>Some:</i> 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 220 nits, 16:9 aspect ratio, 600:1 contrast ratio, 170° viewing angle								Battery	Integrated Lithium Polymer 3-cell (42Wh) MobileMark® 2014: 11.6 hr	
Multi-touch	None								Max battery life <sup>10</sup>	45-watt AC adapter	
Storage Optical	M.2 SSD / SATA 6.0Gb/s None								AC adapter	45-watt AC adapter	
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)								Preload	<i>Some:</i> Genuine Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none"> <li>• Lenovo Solution Center</li> <li>• Lenovo SHAREit</li> <li>• ThinkVantage Product Recovery</li> <li>• Rescue and Recovery™</li> <li>• ThinkVantage System Update</li> <li>• Adobe® Reader®</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul>	
WLAN <sup>4</sup>	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>• 11ac+BT4.0, Intel Dual Band Wireless-AC 3165, 1x1, M.2 card</li> <li>• 11ac+BT4.1, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card</li> </ul>								Limited warranty <sup>12</sup>	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>• 1-year depot repair service</li> <li>• 3-year/1-yr battery depot repair service</li> <li>• 3-year/1-yr battery limited onsite service<sup>24</sup></li> </ul>	
Bluetooth™	Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Mil-Spec test	MIL-STD-810G military certification	
WWAN	None								Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant	
Dimensions <sup>3</sup>	<i>WxDxH (silver):</i> 12.69" x 8.77" x 0.75"; 322.4mm x 222.8mm x 19.1mm <i>WxDxH (black):</i> 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm										
Weight <sup>2</sup>	from 3.17 lb / 1.44 kg										
Case color	Pure Black or Silver										
Case material	<i>Black cover:</i> PC/ABS plastic; <i>Silver cover:</i> Aluminum										

<b>Model</b>	<b>20GJ0049++</b>
Product	13
Region	WE
Machine Type	20GJ
TopSeller	TopSeller
Processor	i3-6100U (2C, 2.3GHz, 3MB, 2133MHz)
vPro	No
Graphics	Intel HD Graphics 520
Memory	8GBx1
Display	13.3" FHD (1920x1080) IPS
Multi-touch	None
Storage	256GB SSD Opal2
Optical	None
WLAN &Bluetooth	Intel 8260 ac + BT4.1
Top Color	Black
Camera	720p
Fingerprint Reader	Fingerprint Reader
Battery Cells	3-cell (42Wh)
Power Adapter (watt)	45W
Preload	Windows 10 Pro 64
Base Warranty	1-year depot
Global	No
Ann Date (mm/yy)	03/16



