

ThinkPad Helix (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Convertible with many modes - Tent, Notebook, Stand, Desktop, and Tablet									Case color	Graphite black								
Processor	5th Generation Intel® Core™ M or Core M vPro™ Processor									Case material	PC/ABS (Acrylonitrile-Butadiene-Styrene), and Aluminum								
	Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Multicard reader	Support micro SD (2G max), micro SDHC (32G max), micro SDXC (64G max)								
	5Y10	2	4	0.8 GHz	2.0 GHz	4MB	LPDDR3-1600	Intel HD graphics 5300	No	Tablet ports	One USB 3.0 (one Always On), micro HDMI, micro SD, Micro SIM, Dock connector								
	5Y70			1.1 GHz	2.6 GHz				Yes										
	5Y10C			0.8 GHz	2.0 GHz				No										
5Y71	1.2 GHz			2.9 GHz	Yes														
Graphics	Intel HD Graphics 5300 in processor, external digital monitor support via micro HDMI, dual independent display; Max external resolution: 1920x1080 (micro HDMI)@60Hz									Camera	<i>Front camera:</i> 2.0-megapixel, 1080p resolution, fixed focus <i>Rear camera:</i> 5.0-megapixel, 1080p resolution, auto focus HD Audio, Realtek® ALC286-VC codec, stereo speakers, 0.7W x 2 / three microphones, combo audio/mic jack								
Chipset	Intel Core M & Intel Core M vPro									Audio support	Windows button, Power button, volume button, rotation lock switch, reset switch								
Memory	8GB max / PC3-12800 1600MHz LPDDR3, soldered to systemboard, no sockets									Keyboard (optional)	<i>Pro:</i> Ultrabook Pro Keyboard, (Battery keyboard)6-row, TrackPoint® pointing device, MultiTouch with 3+2 buttons click pad, security keyhole, one USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 26Wh), 36-watt AC adapter can charge both the Tablet battery and Keyboard battery, pen holder, backlight <i>Non-pro:</i> Ultrabook Keyboard, (Mechanical keyboard) 6-row, touchpad w/ 2 integrated buttons, one USB 2.0, pen holder <i>Folio:</i> Folio Keyboard, thin keyboard, no ports, pen holder								
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 370 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution									Security	Power-on password, hard disk password, supervisor password, security keyhole								
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required									Security chip vPro	<i>Optional:</i> Trusted Platform Module, TCG 1.2-compliant <i>Optional:</i> Intel vPro Technology								
Storage	M.2 2280 SSD, 128GB or 256GB, 256GB SSD supports OPAL									Fingerprint reader	Fingerprint reader								
Optical	None									NFC	<i>Optional:</i> Near Field Communication								
Ethernet	None									Smart Cover	<i>Optional:</i> Quickshot cover								
WLAN	11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 Card									Tablet battery	Integrated Li-Polymer 2-cell (35Wh)								
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Keyboard battery	Li-Polymer 4-cell (26Wh)								
WWAN	<i>Optional:</i> Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card									Battery - life	<table border="1"> <tr> <td>Battery configuration</td> <td>2-cell</td> <td>2-cell + 4-cell</td> </tr> <tr> <td>Battery life</td> <td>8 hr</td> <td>12 hr</td> </tr> </table>			Battery configuration	2-cell	2-cell + 4-cell	Battery life	8 hr	12 hr
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Micro SIM card (optional)	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> AT&T® or Verizon® LTE (4G), contract required with service provider User selectable, contract required with service provider 									AC adapter	36-watt AC adapter								
Smart Card Read	<i>Optional:</i> Smart Card reader									Preload	<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit								
Monitor Cable	<i>Optional:</i> Micro-HDMI to VGA monitor cable										<i>Some:</i> Windows 10 Pro 64								
Light sensor	Ambient Light Sensor										<ul style="list-style-type: none"> Lenovo Solution Center Lenovo Companion Lenovo REACHit Lenovo SHAREit Microsoft® Office preloaded; purchase a product key to activate McAfee LiveSafe (30 days of virus definitions) 								
G-sensor/eCompass	3D accelerometer and 3D magnetometer																		
Gyroscope	3D compass, 3D inclinometer																		
	3D gyrometer									Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year - depot repair service / service upgrades available 3-year - depot repair service / service upgrades available 								
Dimensions	11.6W" WLAN/WWAN: 11.9" x 7.58" x 0.38" (301.1mm x 192.5mm x 9.6mm) 11.6W" SmartCard reader: 11.9" x 7.58" x 0.76" (301.1mm x 192.5mm x 19.4mm)									Mil-Spec test	MIL-STD-810G military certification								
Tablet Weight	WiFi/Touch	WiFi/Digitizer	WWAN/Touch	WWAN/Digitizer	SmartCard					Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant								
	795g	822g	795g	822g	855g														
	1.75 lb	1.81 lb	1.75 lb	1.81 lb	1.88 lb														
Keyboard weight	Ultrabook Pro Keyboard: 900g/1.98 lb Ultrabook Keyboard: 560g/1.23 lb																		