

ThinkPad L440 20AS0061++

Region	Backlit Keyboard	
WE	None	
Machine Type	Fingerprint Reader	
20AS	Fingerprint Reader	
TopSeller	Battery Cells	
No	6-cell (56Wh)	
Processor	Power Adapter (watt)	
i5-4300M (2C, 2.6 / 3.3GHz, 3MB, 1600MHz)	65W	
vPro	Preload	
vPro	Windows 8.1 DG Windows 7 Pro 64	
Graphics	Base Warranty	
Intel HD Graphics 4600	3-year depot	
Chipset	Global	
Intel QM87	Yes	
Memory	Ann Date (mm/yy)	
4GBx1	04/14	
Display	Note: Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries	
Storage		
500GB 7200rpm		
Optical		
DVD±RW		
WLAN &Bluetooth		
Intel 7260 a/b/g/n + BT4.0		
WWAN / M.2 SSD		
WWAN upgradable		
SIM Card		
None		
Smart Card Reader		
None		
ExpressCard		
None		
Camera		
720p		



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ThinkPad L440 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Mainstream value performance; two spindles																			
Processor	Intel® Celeron® Processor or 4th Generation Intel Core™ i3 / i5 / i7 Processor																			
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics												
	Cel 2950M	2	2	2 GHz	-	2MB	DDR3L-1600	Intel HD Graphics												
	i3-4000M			2.4 GHz	-	3MB		Intel HD Graphics												
	i3-4100M			2.5 GHz	-	3MB		Intel HD Graphics												
	i5-4200M			2.5 GHz	3.1 GHz	3MB		Intel HD Graphics												
	i5-4210M			2.6 GHz	3.2 GHz	3MB		Intel HD Graphics												
	i5-4300M			2.6 GHz	3.3 GHz	3MB		Intel HD Graphics												
	i5-4330M			2.8 GHz	3.5 GHz	3MB		Intel HD Graphics												
	i7-4600M			2.9 GHz	3.6 GHz	4MB		Intel HD Graphics												
	i7-4702MQ	4	8	2.2 GHz	3.2 GHz	6MB		Intel HD Graphics												
	i7-4712MQ			2.3 GHz	3.3 GHz	6MB		Intel HD Graphics												
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets																			
Optical Storage	DVD burner, 9.5mm high, fixed, not removable, tray-in Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™																			
M.2 SSD	Some: SSHD with 8GB NAND flash memory Some: M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card																			
Widescreen display	Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 500:1 contrast ratio																			
Camera (optional)	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus																			
Graphics	Intel HD Graphics 4600 in processor, supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports dual independent display; Max resolution: 3840x2160@30Hz (DP via mDP cable); 1920x1200@60Hz (VGA)																			
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch																			
ThinkLight™	None																			
Dimensions ³	14.0W" (WxDxH): 13.54" x 9.41" x 1.14-1.35"; 344mm x 239mm x 29.0-34.25mm																			
Weight ²	<table border="1"> <tr> <td>Models</td><td>6-cell 48Wh</td><td>6-cell 56Wh</td><td>9-cell 99.9Wh</td></tr> <tr> <td>Weight</td><td>4.96 lb / 2.25kg</td><td>5.0 lb / 2.27kg</td><td>5.36 lb / 2.43kg</td></tr> </table>								Models	6-cell 48Wh	6-cell 56Wh	9-cell 99.9Wh	Weight	4.96 lb / 2.25kg	5.0 lb / 2.27kg	5.36 lb / 2.43kg				
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Weight	4.96 lb / 2.25kg	5.0 lb / 2.27kg	5.36 lb / 2.43kg																	
Case material	PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic																			
Battery type	Li-Ion 6-cell (48Wh or 56Wh) or 9-cell (99.9Wh), HW Authentication																			
Max battery life ¹⁰	<table border="1"> <tr> <td>Models</td><td>6-cell 48Wh</td><td>6-cell 56Wh</td><td>9-cell 99.9Wh</td></tr> <tr> <td>Win7 (MobileMark® 2007)</td><td>10 hr</td><td>11 hr</td><td>21 hr</td></tr> <tr> <td>Win8 (MobileMark 2012)</td><td>6.2 hr</td><td>7.5 hr</td><td>13 hr</td></tr> </table>								Models	6-cell 48Wh	6-cell 56Wh	9-cell 99.9Wh	Win7 (MobileMark® 2007)	10 hr	11 hr	21 hr	Win8 (MobileMark 2012)	6.2 hr	7.5 hr	13 hr
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Win7 (MobileMark® 2007)	10 hr	11 hr	21 hr																	
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AC adapter	65-watt AC adapter																			
Chipset	Mobile Intel QM87 (vPro model) or HM86 (Non-vPro model) Express Chipset																			
ExpressCard (opt)	One slot (ExpressCard/34, ExpressCard/54)																			
Smart card reader	Optional: Smart card reader																			
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																			
Ports	One Always On USB 3.0, three USB 2.0, VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector																			
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack																			
	WLAN ⁴																			
	One of the following, configurable by model: <ul style="list-style-type: none">ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 cardIntel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 cardIntel Centrino® Advanced-N 6235, 2x2, Wi-Fi + BT combo adapter, M.2 cardIntel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 cardIntel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card																			
	WWAN (optional)																			
	One of the following, configurable by model (mutually exclusive with M.2 SSD): <ul style="list-style-type: none">Wireless WAN upgradableWireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models)Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models)Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models)																			
	SIM card (optional)																			
	One of the following, configurable by model: <ul style="list-style-type: none">AT&T® or Verizon® LTE (4G), contract required with service provider (US models)Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models)User selectable, contract required with service provider																			
	Bluetooth™ Ethernet																			
	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter HM86 model: Intel Ethernet Connection I217-V (Clarkville) QM87 model: Intel Ethernet Connection I217-LM (Clarkville)																			
	Security																			
	Security chip																			
	vPro (optional)																			
	Intel vPro Technology																			
	Fingerprint reader																			
	Optional: Fingerprint reader on the keyboard bezel, swipe sensor																			
	Limited warranty ¹²																			
	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service3-year/1-yr battery depot repair service3-year/1-yr battery limited onsite service²⁴3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)																			
	Preload																			
	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64																			
	<ul style="list-style-type: none">Lenovo Solution CenterThinkVantage Product RecoveryRescue and Recovery™ThinkVantage System UpdateLenovo Cloud Storage by SugarSyncPC Device StageMicrosoft® Office preloaded; purchase a product key to activateNorton™ Internet Security (30 days of virus definitions)Cyberlink PowerDVDCyberlink Power2GoCyberlink PowerProducer																			
	Some: Windows 8 / 8.1 64-bit Some: Windows 8 / 8.1 Pro 64-bit Some: Windows 10 Pro 64																			
	<ul style="list-style-type: none">Lenovo Solution CenterLenovo SHAREitLenovo REACHitLenovo CompanionMicrosoft Office preloaded; purchase a product key to activateNorton Internet Security (30 days of virus definitions)McAfee® LiveSafe™ (30-day trial, Win8 w/o i5/i7 model)																			
	Mil-Spec test																			
	MIL-STD-810G military certification																			
	Environment																			
	EPEAT™ Gold; ENERGY STAR® 6.0; RoHS-compliant																			

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