

ThinkPad L450 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® processor, 4th Generation Intel Core™ i5 Processor, or 5th Generation Intel Core i3 / i5 / i7 Processor								Dimensions ³ Weight ²	14.0" (WxDxH): 13.34" x 9.23" x 0.95"; 339mm x 235mm x 24.3mm						
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics		Models	3-cell	6-cell				
	Cel 3205U	2	2	1.5 GHz	-	2MB	DDR3L-1600	Intel HD Graphics	Integrated	4.25 lb / 1.93 kg	4.43 lb / 2.01 kg					
	i5-4300U			1.9 GHz	2.9 GHz	3MB		Intel HD Graphics 4400	Discrete	4.30 lb / 1.95 kg	4.50 lb / 2.04 kg					
	i3-5005U	4	4	2 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 5500	Case material	PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic						
	i5-5200U			2.2 GHz	2.7 GHz	3MB		Intel HD Graphics 5500	Smart card reader	Optional: Smart card reader						
	i5-5300U			2.3 GHz	2.9 GHz	3MB		Intel HD Graphics 5500	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)						
	i7-5500U			2.4 GHz	3 GHz	4MB		Intel HD Graphics 5500	Ports	Three USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)						
Graphics	Intel HD Graphics or Intel HD Graphics 4400 / 5500 in processor only, or Intel HD Graphics 5500 in processor and AMD Radeon™ R5 M240, 2GB memory (discrete models are only available in Western Europe); supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)								Camera (optional)	HD720p resolution, low light sensitive, fixed focus						
									Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack						
Chipset Memory	Intel SoC (System on Chip) platform 16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch						
Display	Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS								Security	Power-on password, hard disk password, supervisor password, security keyhole						
Multi-touch	None								Security chip	Trusted Platform Module, TCG 1.2-compliant						
Storage	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™ Some: SSHD with 8GB NAND flash memory M.2 Solid State Drive (SSD), via M.2 card slot								ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures						
M.2 SSD (opt) Optical	None								vPro (optional)	Intel vPro Technology						
Ethernet	Non-vPro model: Intel Ethernet Connection I218-V (Clarkville) vPro model: Intel Ethernet Connection I218-LM (Clarkville)								Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor						
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Battery type	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)						
WLAN ⁴	One of the following, configurable by model: <ul style="list-style-type: none">11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card (WE only)11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card								Max battery life ¹⁰	Models	3-cell 23Wh	6-cell 48Wh	6-cell 72Wh			
WWAN (optional)	One of the following, configurable by model: <ul style="list-style-type: none">Wireless WAN upgradableWireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE only)Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card								AC adapter	55W AC adapter or 65W AC adapter						
									Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64						
										<ul style="list-style-type: none">Lenovo Solution CenterLenovo SHAREitLenovo REACHitThinkVantage Product RecoveryRescue and Recovery™ThinkVantage System UpdatePC Device StageAdobe® Reader®Microsoft® Office preloaded; purchase a product key to activateNorton™ Internet Security (30 days of virus definitions)						
									Limited warranty ¹²	Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 10 Pro 64						
										<ul style="list-style-type: none">Lenovo Solution CenterLenovo SettingsLenovo SHAREitLenovo REACHitLenovo CompanionMicrosoft Office preloaded; purchase a product key to activateNorton Internet Security (30 days of virus definitions)McAfee® LiveSafe™ (30-day trial, Win8 i5/i7 and Win10 model)						
									Mil-Spec test	MIL-STD-810G military certification						
									Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant						
	AT&T® or Verizon® LTE (4G), contract required with service provider															

Model	20DT001E++
Product	L450
Region	WE
Machine Type	20DT
TopSeller	TopSeller
Processor	i5-5200U (2C, 2.2 / 2.7GHz, 3MB, 1600MHz)
vPro	No
Graphics	Intel HD Graphics 5500
Memory	4GBx1
Display	14" FHD (1920x1080) IPS
Storage	192GB SSD
M.2 SSD	None
Optical	None
WLAN &Bluetooth	Intel 7265 ac + BT4.0
WWAN	WWAN upgradable
SIM Card	None
Smart Card Reader	None
Camera	720p
Backlit Keyboard	None
Fingerprint Reader	Fingerprint Reader
Battery Cells	6-cell (48Wh)
Power Adapter (watt)	45W
Preload	Windows 8.1 DG Windows 7 Pro 64
Base Warranty	1-year depot
Global	No
Ann Date (mm/yy)	04/15



