#### ThinkPad L530



Lenovo® ThinkPad L530





Lenovo ThinkPad L530



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Lenovo ThinkPad L530



Lenovo Sport Backpack - Blue Lenovo Sport Backpack - Red 0B47298 0A33896 Lenovo Sport Backpack - Grey 0B47301

# ThinkPad L530 2481 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	creen SA		PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Ann Date (mm/yy)
2481-26U	i3-2370M	4GBx1	15.6" HD	720p	320G 7200	Intel 2200	WWAN upg	None	None	None	6	Pro 64	06/12
2481-34U	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2200	WWAN upg	None	None	None	6	Pro 64	07/12

 $\bullet$  Small and medium business (SMB) model(s), part of the US TopSeller  $^{\text{\tiny{TM}}}$  Program

Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i3-2370M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system <sup>20</sup> Genuine Windows® 7 Professional 64 Ready to install applications <sup>14</sup> (only
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	some listed)  • Rescue and Recovery™  • Password Manager
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Preloaded applications¹⁴ (only some listed)  • Lenovo Message Center Plus  • ThinkVantage Product Recovery  • Access Connections™
mSATA™ SSD	None	Fingerprint Software (fingerprint)
Widescreen display Camera	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	models) ThinkVantage System Update ThinkVantage Power Manager Microsoft® Office preloaded;
		purchase a product key to activate  ■ Norton <sup>™</sup> Internet Security 2012
Graphics	Intel HD Graphics 3000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	(30 days of virus definitions)  • Adobe® Reader®  • Skype™ for Windows  • Windows Live™ Essentials
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition (DVD±RW)     Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions <sup>3</sup> Weight <sup>2</sup> Case material Battery - type Battery - life <sup>10</sup>	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	,
Chipset	Mobile Intel HM76 Express Chipset	
ExpressCard	None	
Smart Card read Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Ports	One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	Ourse and Third Mandage & Analysis Indian
PCIe Mini Card	Two PCI Express Mini Card slots	Supports ThinkVantage® technologies
PCIe WLAN⁴ PCIe WWAN Carrier Modem Bluetooth™	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN upgradable None None None	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Ethernet Intel AMT Audio support	Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack	RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	For compatible accessories, please go to O-L530 sheet;
Fingerprint reade Limited warranty <sup>12</sup>	r None <sup>2</sup> <b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available	For Lenovo service <sup>22</sup> upgrade options, please go to QP-TA sheet

# ThinkPad L530 2481 (TopSeller) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Smart Card Reader	Card slot	Finger print reader				Ann Date (mm/yy)
2481-33U	i5-2520M	4GBx1	15.6" HD	720p	500G 7200	Intel 2200	WWAN upg	None	None	None	No	6	Win8 Pro64	10/12
2481-4RU	i3-2348M	4GBx1	15.6" HD+	720p	500G 7200	Intel 620528	WWAN upg	None	Express 54	Finger	BT	9	Win7 Pro64	02/13
2481-4QU	i3-2348M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Express 54	Finger	BT	6	Win7 Pro64	02/13
2481-55U	i5-3230M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	Smart	Express 54	Finger	BT	6	Win7 Pro64	05/13
2481-5RU	i5-3230M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Express 54	Finger	BT	6	Win7 Pro64	06/13
2481-56U	i3-3110M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Express 54	None	BT	6	Win7 Pro64	06/13

 $\bullet$  Small and medium business (SMB) model(s), part of the US TopSeller  $^{\text{\tiny{TM}}}$  Program

Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system <sup>20</sup> - Some: Windows <sup>®</sup> 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications <sup>5</sup> (only some listed)
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	- Windows 7 models  • Lenovo® Message Center Plus  • ThinkVantage Product Recovery  • Access Connections™
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in  Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable  Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	<ul> <li>Access connectors</li> <li>ThinkVantage Power Manager</li> <li>Lenovo SimpleTap</li> <li>Corel® WinDVD® (DVD±RW)</li> <li>Corel Burn.Now™ Lenovo Edition</li> </ul>
mSATA™ SSD	None	(DVD±RW)
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Corel DVD MovieFactory® Lenovo Edition (DVD±RW)</li> <li>Windows 8 models</li> <li>Lenovo Support</li> </ul>
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo Companion
Graphics	Intel HD Graphics 3000 or 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display;  Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	Lenovo QuickLaunch     Cyberlink Power2Go (DVD±RW)     Cyberlink PowerProducer (DVD±RW)     All models
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	<ul> <li>Lenovo Solution Center</li> <li>Password Manager</li> <li>Fingerprint Software (fingerprint models)</li> </ul>
Dimensions <sup>3</sup> Weight <sup>2</sup> Case material Battery - type Battery - life <sup>10</sup>	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	<ul> <li>Lenovo Cloud Storage by SugarSync</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> <li>Norton™ Internet Security</li> </ul>
Ports	Mobile Intel HM76 Express Chipset Some: One slot (ExpressCard/34, ExpressCard/54) Some: Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	(30 days of virus definitions)
PCIe Mini Card PCIe WLAN <sup>4</sup>	Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2  Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2	Supports ThinkVantage® technologies
PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support Security	Wireless WAN upgradable None None Some: Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹2
Security chip	Trusted Platform Module, TCG 1.2-compliant  Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-L530 sheet;
Limited warranty <sup>12</sup>	supports the security chip  1-year - depot repair service / service upgrades <sup>22</sup> available	For Lenovo service <sup>22</sup> upgrade options, please go to QP-TA sheet

## ThinkPad L530 2485 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth	Bat- tery cells	An Dat Preload (mm/	ite
2485-22U	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205 <sup>28</sup>	WWAN upg	None	Finger	ВТ	6	Pro 64 06/	12
2485-23U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	Pro 64 06/	12
2485-24U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	None	6	Pro 64 06/	12
2485-25U	i5-3210M	4GBx1	15.6" HD	720p	320G 7200	Intel 2200	WWAN upg	None	None	None	6	Pro 64 06/	12
2485-26U	i3-2370M	4GBx1	15.6" HD	720p	500G 7200	Intel 2200	WWAN upg	None	Finger	BT	6	Pro 64 06/	12

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
   A depot repair service 3-year limited warranty

Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i3-2370M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system <sup>20</sup> Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Password Manager     Preloaded applications <sup>14</sup> (only some listed)
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Lenovo Message Center Plus     ThinkVantage Product Recovery     Access Connections™     Fingerprint Software (fingerprint models)
mSATA™ SSD	None	ThinkVantage System Update
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	ThinkVantage Power Manager     Microsoft® Office preloaded; purchase a product key to activate     Norton™ Internet Security 2012
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	(30 days of virus definitions)
Graphics	Intel HD Graphics 3000 or 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	Adobe® Reader®     Skype™ for Windows     Windows Live™ Essentials     Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition (DVD±RW)
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions <sup>3</sup> Weight <sup>2</sup> Case material Battery - type Battery - life <sup>10</sup>	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	
Chipset ExpressCard Smart Card read Multicard Reader Ports	Mobile Intel HM76 Express Chipset None None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN <sup>4</sup>	Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2  Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2	Supports ThinkVantage® technologies
PCIe WWAN Carrier Modem	Wireless WAN upgradable None None	65-watt AC adapter EPEAT™ Gold rating
Bluetooth™ Ethernet Intel AMT	Some: Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None	ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service <sup>17</sup>
Audio support Security	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Security chip	Trusted Platform Module, TCG 1.2-compliant r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-L530 sheet;
Limited warranty <sup>12</sup>	supports the security chip  2 3-years/1-yr battery - depot repair service / service upgrades <sup>22</sup> available	For Lenovo service <sup>22</sup> upgrade options please go to QP-TA sheet

#### ThinkPad L530 2478

Type-model	Processor	Wide- Disk PCIe PCIe Mini Card Smart screen SATA Mini Card WWAN/ Card Card Cocessor Memory display Camera GB® rpm WLAN mSATA Carrier Reader slot									Finger print reader	Blue-	terv	Workhor (W) Global (	Pre-	Ann Date (mm/yy)
2478-23U	i7-3520M	4GBx1	15.6" HD+	720p	500G 7200	Intel 6205 <sup>2</sup>	<sup>8</sup> upg	None	None	None	Finger		9			06/12
2478-24U	i7-3520M		15.6" HD+	720p	320G 7200		upg	None	None	None	Finger		9			06/12
2478-25U 2478-26U	i5-3360M i5-3320M		15.6" HD+ 15.6" HD	720p 720p	500G 7200 500G 7200		upg	None	None None	None None	Finger		<b>9</b>	G G		06/12 06/12
2478-27U	i5-3320M		15.6" HD	720p 720p	500G 7200 500G 7200		upg upg	None None	None	None	Finger None	No	6	G		06/12
2478-28U	i5-3320M		15.6" HD	720p	320G 7200		upg	None	None	None	Finger		6	G	Pro 64	06/12
2478-29U	i5-3320M		15.6" HD		320G 7200		upg	None	None	None	None	BT	6	G		06/12
2478-2AU 2478-2BU	i5-3360M i5-3320M		15.6" HD+ 15.6" HD	720p 720p	320G 7200 320G 7200		upg upg	None None	None None	None None	Finger Finger		<b>9</b>	G G		06/12 06/12
	i5-3320M		15.6" HD	720p		Intel 6205	upg	None	None	None	None	No	6	G		06/12
	i5-3360M		15.6" HD+	720p		Intel 6205	Gobi	select	None	None	Finger		9			06/12
2478-2FU	i5-3320M		15.6" HD	720p		Intel 6205	Gobi	select	None	None	Finger		6			06/12
2478-2GU 2478-2HU	i5-3320M i5-3320M		15.6" HD 15.6" HD			Intel 2200 Intel 2200	upg upg	None None	None None	None None	None None	No No	6			06/12 06/12
2478-2XU	i5-3360M		15.6" HD	720p		Intel 6205	upg	None		Exp 54			9	G		06/12
2478-2YU	i5-3320M		15.6" HD	720p		Intel 6205	upg	None		Exp 54			6	G		06/12
2478-32U	i5-3320M		15.6" HD	720p	320G 7200		upg	None		Exp 54			6	WG		06/12
2478-33U Positioning	i5-3360M		15.6" HD pusiness per	720p	500G 7200		upg	None	Smart	Exp 54	Finger	ВI	9	W G	Pro 64	06/12
Processor	DDF Inte DDF Inte DDF	R3 memoi I Core i5- R3 memoi I Core i7- R3 memoi	ry controller 3360M prod ry controller 3520M prod ry controller	(up to 1) cessor ( (up to 1) cessor ( (up to 1)	600MHz), Ir <b>2 cores, 2.8</b> 600MHz), Ir <b>2 cores, 2.</b> 9 600MHz), Ir		ost 2.0 (3 cache), ost 2.0 (3 cache),	3.30GHz Intel HI 3.50GHz Intel HI	z), HT teo <b>D Graph</b> z), HT teo <b>D Graph</b>	chnology ics 4000 chnology ics 4000	00, Ge Pro Re sor • F	nuine ofession ady to ne list Rescu	Wind onal 6 o inst ted) e and	perating dows® 7 64 tall appli d Recove Manager	ications	
Memory	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology  BGB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets  * System automatically clocks down for processors with 1333MHz DDR3 memory controller												ed ap	plicatio		,
Optical SATA disk	Son	ne: Solid ne: Hard	Disk Drive /	(SSD) / SATA 3.	SATA 6.0Gb 0Gb/s, 2.5"	ole, tray-in √s, 2.5" wide, wide, 7mm o ion System™	r 9.5mm		ovable, ι	upgradab	le • 7	Think\ Acces: Finger	/anta s Cor print	ssage Ce ge Produ nnections Software	uct Reco s™	overy
mSATA™ SS	SD Non		abie, upgia	uabie, A	Clive i iolec	ion System						nodel: Think\		ge Syste	m I Inda	ıto.
Widescreen	Son					, anti-glare, L	.ED bacl	klight,			• 7	Γhink∖	/anta	ge Powe	r Manag	ger
display		<i>ne:</i> <b>15.6</b> " 220 n	its, 16:9 asp	D+ (160 ect ratio	0x900) colo , 500:1 con	or, anti-glare, rast ratio			<b>6</b>	<b>f</b>	• F	ourcha Nortor	ase a n™ Int	Office product ternet Se	key to a courity 2	ctivate 012
Camera						low light sens	sitive, fac	e tracki	ng, fixed	tocus		30 da Adobe		virus det ader®	finitions)	)
Graphics	sup sup <i>Max</i> 192	oorts exter oorts dual imum ext 0x1200@	independer ernal resolu 60Hz (single	monitor nt displation: 25 e-link DV	via VGA DE y; 60x1600@6 'I-I via optio	-15 and digita 0Hz (Display nal Mini DP c	Port via able); 20	optiona )48x153	I Mini DF	cable);	• 5	Skype Windo Corel®	™ for ws Li Win[ Burn.	Window ve™ Ess DVD® (D\ Now™ Lo	entials VD±RW	
Keyboard TrackPoint® Touch pad ThinkLight™	Trac Ultra	kPoint® po aNav™, w	ointing device	ë, Interr	iet Scroll Ba	stant, multime r <sup>13</sup> , magnifyin ap Zones, scr	ig glass	•	ch		• (	Corel I	DVĎ I	MovieFa D±RW)	ctory® L	enovo
Dimensions Weight <sup>2</sup> Case materi Battery - typ Battery - life	6-ce al Acry e Lithi	ell: from 5. vlonitrile-E um Ion 6-	69 lb (2.58k Butadiene-S cell or 9-cel	g); 9-6 tyrene (A I, HW Au	cell: from 6.0 ABS) plastic uthentication		)	31.7–3	3.4mm							
Chipset		•	HM76 Expre	•	, ,											
ExpressCard Smart Card Multicard Re Ports	d Son read Son eader 4-in- One	ne: One s ne: Smar 1 reader USB 3.0	slot (Express t Card reade (MMC, SD, , three USB	Card/3 <sup>2</sup> er SDHC, S 2.0 (one	I, ExpressC SDXC)	ard/54) VGA DB-15, I	Mini Dis	playPort	t, etherne	et (RJ-45	)					
PCIe Mini C PCIe WLAN													_			
PCIe WWAN	N Son Son	ne: Wirele	ess WAN up ess WAN, Q O Rev. A, Gl	ŭalcomn	n® Gobi™ 30	000 chipset, F	Cle Min	i Card,				· · · · ·		kVantag dapter	e® techr	nologies
Carrier Modem Bluetooth™ Ethernet	t Realtek® RTL8111F Gigabit Network Connection												' Gold Y STA	d rating AR® 5.0-c RD® certi		nt
Intel AMT Audio suppo	None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password. hard disk password. supervisor password. security keyhole												2 / International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>			
Security chip	p Trus	ted Platfo ne: Authe	rm Module,	TCG 1.2 print rea	2-compliant der on palm	rest, swipe s	•	•	•		go	to O-İ	L530	e access sheet;		
Limited war	anty <sup>12</sup> <b>3-ye</b>			, ,		ervice upgrad	es <sup>22</sup> ava	ilable						ervice <sup>22</sup> u QP-TA sh		υμιισης,

# ThinkPad L530 2478 (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB <sup>8</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Card	Card slot	Finger print	Blue-		(G)		Ann Date (mm/yy)
								neader	Cara Siot	reauci	tootiii	CCIIS	CIVII	. ,	
2478-62U	i7-3520M	4GBx1	15.6" HD+	720p	500G 7200	Intel 6205 <sup>28</sup>	WWAN upg	None	None	Finger	BT	6	G	Win8 Pro64	10/12
2478-4NU	i5-3320M	4GBx1	15.6" HD	None	320G 7200	Intel 2200	WWAN upg	None	None	None	No	6	G	Win8 Pro64	10/12
2478-63U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	G	Win8 Pro64	10/12
2478-64U	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	G	Win8 Pro64	10/12
2478-5RU	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6		Win7 Pro64	02/13
2478-5QU	i5-3230M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6		Win7 Pro64	02/13
2478-5PU	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	None	No	6		Win7 Pro64	02/13
2478-5NU	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6		Win7 Pro64	02/13
2478-5MU	i5-3320M	4GBx1	15.6" HD	None	320G 7200	Intel 2200	WWAN upg	None	None	None	No	6		Win7 Pro64	02/13
2478-5LU	i5-3230M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	Smart	Exp 54	Finger	BT	6		Win7 Pro64	02/13
2478-5KU	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	Smart	Exp 54	Finger	BT	6		Win7 Pro64	02/13
2478-5SU	i5-3230M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Exp 54	Finger	BT	6		Win7 Pro64	02/13

#### • A depot repair service 3-year limited warranty

Positioning	Mainstream business performance; two spindles	Preloaded operating system <sup>20</sup>
Processor	Intel® Core™ i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit     Some: Windows 8 Pro 64-bit  Preloaded applications⁵ (only some
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	listed) - Windows 7 models
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in  Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable  Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	<ul> <li>Lenovo® Message Center Plus</li> <li>ThinkVantage Product Recovery</li> <li>Access Connections™</li> <li>ThinkVantage Power Manager</li> <li>Lenovo SimpleTap</li> </ul>
mSATA™ SSD	None	Adobe® Reader®
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	<ul> <li>Corel® WinDVD® (DVD±RW)</li> <li>Corel Burn.Now™ Lenovo Edition (DVD±RW)</li> <li>Corel DVD MovieFactory® Lenovo Edition (DVD±RW)</li> </ul>
Graphics	Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display;  Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	<ul> <li>Windows 8 models</li> <li>Lenovo Support</li> <li>Lenovo Companion</li> <li>Lenovo QuickLaunch</li> <li>PC Device Stage</li> </ul>
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	Cyberlink Power2Go (DVD±RW)     Cyberlink PowerProducer (DVD±RW)     All models
Dimensions <sup>3</sup> Weight <sup>2</sup> Case material Battery - type Battery - life <sup>10</sup>	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	<ul> <li>Lenovo Solution Center</li> <li>Password Manager</li> <li>ThinkVantage System Update</li> <li>Fingerprint Software (fingerprint models)</li> </ul>
Chipset ExpressCard Smart Card read Multicard Reader Ports	Mobile Intel HM76 Express Chipset Some: One slot (ExpressCard/34, ExpressCard/54) Some: Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	<ul> <li>Lenovo Cloud Storage by SugarSync</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> <li>Skype™</li> </ul>
PCIe Mini Card PCIe WLAN⁴	Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2  Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2	Supports ThinkVantage® technologies
PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT	Wireless WAN upgradable None None Some: Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant
Audio support Security	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>
Security chip	Trusted Platform Module, TCG 1.2-compliant Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L530 sheet; For Lenovo service <sup>22</sup> upgrade options,
Limited warranty <sup>12</sup>	3-years/1-yr battery - depot repair service / service upgrades <sup>22</sup> available	please go to QP-TA sheet
	para detailed information	@ Langue

## ThinkPad L530 2479 (Onsite)

			Wide- screen		Disk SATA	PCIe PC Mini Card	le Mini (		Smart Card	Card	Finger print	Blue-		Workhor (W)	se Pre-	Ann Date
Type-model	Processor	Memory	display	Camera		WLAN		Carrier	Reader	slot				Global (		(mm/yy)
2479-32U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 620528	upg	None	Smart	Exp 54	Finger	BT	6	WGP	Pro 64	06/12
2479-33U	i5-3360M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	upg	None	Smart	Exp 54	Finger	BT	9	WGP	Pro 64	06/12
2479-39U	i7-3520M	4GBx1	15.6" HD+	720p	500G 7200	Intel 6205	upg	None	None	None	Finger	BT	9		Pro 64	06/12
2479-3AU	i7-3520M	4GBx1	15.6" HD+	720p	320G 7200	Intel 6205	upg	None	None	None	Finger	BT	9		Pro 64	06/12
2479-3BU	i5-3360M	4GBx1	15.6" HD+	720p	500G 7200	Intel 6205	upg	None	None	None	Finger	BT	9	GΡ	Pro 64	06/12
2479-3CU	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	upg	None	None	None	Finger	BT	6	GΡ	Pro 64	06/12
2479-3DU	i5-3360M	4GBx1	15.6" HD+	720p	320G 7200	Intel 6205	upg	None	None	None	Finger	BT	9	GΡ	Pro 64	06/12
2479-3EU	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	upg	None	None	None	Finger	BT	6	GΡ	Pro 64	06/12
2479-3GU	i5-3360M	4GBx1	15.6" HD+	720p	320G 7200	Intel 6205	Gobi	select	None	None	Finger	BT	9		Pro 64	06/12
2479-53U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	Gobi	select	None	None	Finger	BT	6		Pro 64	06/12
2479-3MU	i5-3320M	4GBx1	15.6" HD	None	500G 7200	Intel 2200	upg	None	None	None	None	No	6		Pro 64	06/12
2479-3PU	i5-3320M	4GBx1	15.6" HD	None	320G 7200	Intel 2200	upg	None	None	None	None	No	6		Pro 64	06/12
2479-44U	i5-3360M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	upg	None	Smart	Exp 54	Finger	BT	9		Pro 64	06/12
2479-45U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	upg	None	Smart	Exp 54	Finger	BT	6		Pro 64	06/12

• Some models are part of the Global Models Plus program with limited onsite service<sup>24</sup> 3-year limited warranty

Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i5-3360M processor (2 cores, 2.80GHz, 3MB cache), Intel HD Graphics 4000,	Preloaded operating system <sup>20</sup> Genuine Windows® 7 Professional 64
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Ready to install applications¹⁴ (only some listed)  • Rescue and Recovery™  • Password Manager
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Preloaded applications <sup>14</sup> (only some listed)
Optical SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	Lenovo Message Center Plus     ThinkVantage Product Recovery     Access Connections™     Fingerprint Software (fingerprint)
mSATA™ SSD	None	models)  ThinkVantage System Update
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	ThinkVantage Power Manager     Microsoft® Office preloaded;     purchase a product key to activate     Norton™ Internet Security 2012
Camera	Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	(30 days of virus definitions)
Graphics	Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	Adobe® Reader®     Skype™ for Windows     Windows Live™ Essentials     Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition
Keyboard TrackPoint® Touch pad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	(DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions <sup>3</sup> Weight <sup>2</sup> Case material Battery - type Battery - life <sup>10</sup>	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	
Chipset ExpressCard Smart Card read Multicard Reader Ports	Mobile Intel HM76 Express Chipset Some: One slot (ExpressCard/34, ExpressCard/54) Some: Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN <sup>4</sup> PCIe WWAN	Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2  Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2  Some: Wireless WAN upgradable	
	Some: Wireless WAN, Qualcomm® Gobi™ 3000 chipset, PCle Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support  Security Security chip	Some: User selectable, AT&T®, Verizon®, or Śprint®, contract required with service provider None Some: Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹²
	Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L530 sheet;
Limited warranty <sup>12</sup>	<b>3-years</b> /1-year battery, <b>limited onsite service</b> <sup>24</sup> , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades <sup>22</sup> available	For Lenovo service <sup>22</sup> upgrade options, please go to QP-TA sheet

# ThinkPad L530 2479 (Onsite) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB <sup>®</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Card			Blue-	tery	Global (G) GMP (P)		Ann Date (mm/yy)
2479-62U	i7-3520M	4GBx1	15.6" HD+	- 720p	500G 7200	Intel 620528	WWAN upg	None	None	Finger	ВТ	6	GΡ	Win8 Pro64	10/12
2479-63U	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	GΡ	Win8 Pro64	10/12
2479-64U	i5-3320M	4GBx1	15.6" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	GΡ	Win8 Pro64	10/12
2479-5LU	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	Smart	Exp 54	Finger	BT	6		Win7 Pro64	1 02/13
2479-5KU	i5-3320M	4GBx1	15.6" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6		Win7 Pro64	02/13

• Some models are part of the Global Models Plus program with limited onsite service<sup>24</sup> 3-year limited warranty

Processor	Mainstream business performance; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	preinstalled through downgrade rights in Windows 8 Pro 64-bit
	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	- Some: Windows 8 Pro 64-bit  Preloaded applications <sup>5</sup> (only some listed)
SATA disk	DVD burner, 12.7mm high, fixed, not removable, tray-in  Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable  Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™	- Windows 7 models  • Lenovo® Message Center Plus  • ThinkVantage Product Recovery  • Access Connections™
mSATA™ SSD	None	ThinkVantage Power Manager
display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio	<ul> <li>Corel® WinĎVD® (DVD±RW)</li> <li>Corel Burn.Now™ Lenovo Edition (DVD±RW)</li> <li>Corel DVD MovieFactory® Lenovo</li> </ul>
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Edition (DVD±RW)
	Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	<ul> <li>Windows 8 models</li> <li>Lenovo Support</li> <li>Lenovo Companion</li> <li>Lenovo QuickLaunch</li> <li>PC Device Stage</li> </ul>
TrackPoint® Touch pad	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint®pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	Cyberlink Power2Go (DVD±RW)     Cyberlink PowerProducer (DVD±RW)     All models
Weight <sup>2</sup> Case material Battery - type	15.6W" (WxDxH): 14.96" x 9.72" x 1.25–1.31"; 380mm x 247mm x 31.7–33.4mm 6-cell: from 5.69 lb (2.58kg); 9-cell: from 6.05 lb (2.75kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	<ul> <li>Lenovo Solution Center</li> <li>Password Manager</li> <li>ThinkVantage System Update</li> <li>Fingerprint Software (fingerprint models)</li> </ul>
ExpressCard Smart Card read Multicard Reader	Mobile Intel HM76 Express Chipset Some: One slot (ExpressCard/34, ExpressCard/54) Some: Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	<ul> <li>Lenovo Cloud Storage by SugarSync</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> <li>Skype™</li> </ul>
PCIe WLAN⁴	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support  Security	None None Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Fingerprint reader	AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L530 sheet;
	3-years/1-year battery, limited onsite service <sup>24</sup> , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades <sup>22</sup> available	For Lenovo service <sup>22</sup> upgrade options, please go to QP-TA sheet

#### ThinkPad L530 Accessories

Memory 2GB PC3-12800 DDR3 SODIMM 4GB PC3-12800 DDR3 SODIMM	0A65722 ann 06/05/12 0A65723 ann 06/05/12	ThinkPad Battery 70++ (9-cell)	0A36303 ai	nn 06/05/12 nn 06/05/12 nn 09/20/05
Storage and removable storage ThinkPad 16GB mSATA Solid State Cache Drive USB 2.0 Portable 500GB Hard Disk	0B47309 ann 12/11/12 45K1690 ann 05/26/09	44 Requires the ThinkPad 90W AC Adapter 40Y7659 or the adapter provided with the syste	em.	111 03/20/03
USB 3.0 Secure 500GB Hard Drive USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive	0A65619 ann 11/29/11 0A65616 ann 11/29/11 0A65621 ann 08/28/12	<sup>45</sup> Only compatible with the integrated graphics me	40Y7696 <i>ai</i> odels.	nn 01/05/06
Lenovo Slim USB Portable DVD Burner	0A33988 ann 06/14/11			nn 09/20/05 nn 09/22/09
ThinkPad Expansion Lenovo® Essential Notebook Stand ThinkPad Port Replicator Series 3 with USB 3.0 ThinkPad Mini Dock Series 3 - 90W ThinkPad Mini Dock Series 3 w/ USB 3.0 - 90W TP Mini Dock Plus Series 3 w/ USB 3.0 - 90W TP Mini Dock Plus Series 3 w/ USB 3.0 - 170W	45J9292 ann 05/12/09 433615W ann 06/05/12 433710U ann 06/23/09 433715U ann 06/05/12 433815U ann 06/05/12 433835U ann 06/05/12		lapter 41R44 41R4481 <i>a</i> ı	193 nn 12/18/07 nn 01/06/09
Keyboard TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse <sup>52</sup> USB Numeric Keypad Preferred Pro USB Keyboard Enhanced Performance USB Keyboard ThinkPad USB Keyboard with TrackPoint Lenovo® USB Fingerprint Keyboard Lenovo USB Smartcard Keyboard 52 Wireless via 2.4GHz technology using a micro	73P2698 ann 12/16/03 0A34032 ann 04/05/11 33L3225 ann 05/01/00 73P5220 ann 06/21/05 73P2620 ann 03/23/04 55Y9003 ann 08/18/09 73P4730 ann 02/22/05 51J0155 ann 03/24/09 0-size USB receiver.	Lenovo Performance BackPack ThinkPad Business Topload Case ThinkPad Business Backpack ThinkPad Deluxe Expander Case ThinkPad Executive Leather Case Lenovo Sport Backpack - Red Lenovo Sport Slimcase - Red Lenovo Sport Messenger - Red	41U5254 aı 43R2476 aı 43R2482 aı 43R2478 aı 43R2480 aı 0A33896 aı 0A33897 aı 0A33898 aı	nn 05/01/07 nn 05/01/07 nn 05/13/08 nn 05/13/08 nn 05/13/08 nn 05/13/08 nn 02/28/12 nn 02/28/12
Mouse Lenovo Optical Mouse (USB) Lenovo Laser Mouse (USB) ThinkPad USB Laser Mouse Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical) ThinkPad Bluetooth Laser Mouse Lenovo Wireless Laser Mouse	06P4069 ann 05/21/03 41U3074 ann 01/23/07 57Y4635 ann 12/15/09 31P7405 ann 08/27/02 31P7410 ann 06/04/02 0A36407 ann 06/26/12 0A36188 ann 12/20/11	Lenovo Sport Slimcase - Blue Lenovo Sport Messenger - Blue Lenovo Sport Backpack - Grey Lenovo Sport Slimcase - Grey	0B47300 ai 0B47299 ai 0B47301 ai 0B47303 ai 0B47302 ai	nn 08/28/12 nn 08/28/12 nn 08/28/12 nn 08/28/12 nn 08/28/12 nn 08/28/12
Multimedia ThinkPad In-Ear Headphones with microphone	57Y4488 ann 01/07/10	<sup>69</sup> DisplayPort cable is not included.		nn 09/13/11 nn 10/20/09
Modem USB 2.0 Lenovo Modem Security	43R1814 ann 02/26/08	ThinkVision LT1421 Wide 14" Mobile Monitor		nn 08/16/11 nn 08/16/11
3M 15.6W Privacy Filter from Lenovo Kensington® MicroSaver® Cable Lock	0A61771 ann 04/05/11 73P2582 ann 12/29/03	More information at www.lenovo.com/support/m		111 00/10/11
Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader ExpressCard Gemplus Smart Card Reader <sup>57</sup> <sup>57</sup> Only compatible with the models having 54mn	45K1620 ann 09/30/08 57Y4303 ann 08/24/10 41N3040 ann 02/21/06 41N3043 ann 06/27/06 Express card slot.	Lenovo Mini-DisplayPort to VGA Monitor Cable Mini-DisplayPort to Single-link DVI Monitor Cable Mini-DisplayPort to DisplayPort Monitor Cable Lenovo USB Soundbar Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock	0A36536 au 0B47090 au 0B47091 au 0A36190 au 73P2582 au 45K1620 au 57Y4303 au 55Y9258 au	nn 08/14/12 nn 05/17/11 nn 06/26/12 nn 07/24/12 nn 05/01/12 nn 12/29/03 nn 09/30/08 nn 08/24/10 nn 09/22/09
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