



Lenovo® ThinkPad L430

Lenovo ThinkPad L430





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ThinkPad L430 2468 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Ann Date (mm/yy)
2468-2AU	i3-2370M	4GBx1	14.0" HD	720p	320G 7200	Intel 2200	WWAN upg	Express 54	None	None	6	Pro 64	06/12
2468-3AU	i5-2520M	4GBx1	14.0" 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 ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only
Memory	8GB max ⁷ / 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	 Access Connections™ Fingerprint Software (fingerprint
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	models) ThinkVantage System Update ThinkVantage Power Manager Microsoft® Office preloaded;
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	purchase a product key to activate
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)	 Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Windows Live™ Essentials Corel® WinDVD® (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 Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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) 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)	
		Supports ThinkVantage® technologies
PCIe Mini Card PCIe WLAN⁴ PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support	Two PCI Express Mini Card slots 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN upgradable None None None 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	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 Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options,
	² 1-year - depot repair service / service upgrades ²² available	please go to QP-TA sheet
		

ThinkPad L430 2468 (TopSeller) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth		Preload	Ann Date (mm/yy)
2468-3BU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	Intel 2200	WWAN upg	None	None	No	6	Win8 Pro64	10/12
2468-4YU	i5-3230M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205 ²⁸	WWAN upg	Express 54	Finger	BT	6	Win7 Pro64	02/13
2468-4XU	i5-3230M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	Express 54	Finger	BT	6	Win7 Pro64	02/13
2468-62U	i3-2348M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	Express 54	Finger	BT	6	Win7 Pro64	05/13
2468-63U	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	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 ²⁰ - Some: Windows [®] 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications ⁵ (only some listed)
Memory 8GB max ⁷ / 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™ None	 Access conflections ThinkVantage Power Manager Lenovo SimpleTap Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW)
Widescreen display Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	 Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Windows 8 models Lenovo Support
Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus 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-l via optional Mini DP cable); 2048x1536@75Hz (VGA)	 Lenovo Companion 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® DrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	Lenovo Solution Center Password Manager Fingerprint Software (fingerprint models)
Dimensions ³ Weight ² Case material Battery - life ¹⁰ Battery - life ¹⁰ 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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	 Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security
Chipset ExpressCard Some: One slot (ExpressCard/34, ExpressCard/54) Smart Card read Multicard Reader Ports One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) PCIe Mini Card Two PCI Express Mini Card slots	(30 days of virus definitions)
PCIe WLAN ⁴ 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™ Bluetooth™ Intel AMT Audio support Audio support Audio Security PCIe Trian Willi Card, Intel Certain Marie Card, Intel Certain Marie Card, Intel Certain Marie Card, Intel Certain Willia Card, In	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 Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-L430 sheet;
supports the security chip Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad L430 2469 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Ann Date (mm/yy)
2469-24U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205 ²⁸	WWAN upg	None	Finger	ВТ	6	Pro 64	06/12
2469-25U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	Pro 64	06/12
2469-26U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	None	6	Pro 64	06/12
2469-27U	i5-3210M	4GBx1	14.0" HD	720p	320G 7200	Intel 2200	WWAN upg	None	None	None	6	Pro 64	06/12
2469-28U	i3-2370M	4GBx1	14.0" HD	720p	500G 7200	Intel 2200	WWAN upg	None	Finger	BT	6	Pro 64	06/12

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

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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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
	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	Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™
Memory	8GB max ⁷ / 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 applications¹⁴ (only some listed) Lenovo Message Center Plus
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™	 ThinkVantage Product Recovery Access Connections™ Fingerprint Software (fingerprint
mSATA™ SSD	None	models) ThinkVantage System Update
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio	 ThinkVantage Gystern opdate ThinkVantage Power Manager Microsoft® Office preloaded;
0	Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	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) • Adobe® Reader®
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);	 Skype™ for Windows Windows Live™ Essentials Corel® WinDVD® (DVD±RW)
	1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)	 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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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 Smart Card read	None None	
	A-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 ⁴	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	Wireless WAN upgradable	65-watt AC adapter
Carrier Modem	None None	EPEAT™ Gold rating
Bluetooth™	Some: Bluetooth 4.0 wireless	ENERGY STAR® 5.0-compliant GREENGUARD® certified
Ethernet Intel AMT	Realtek® RTL8111F Gigabit Network Connection None	RoHS-compliant
Audio support	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	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security	Power-on password, hard disk password, supervisor password, security keyhole	• • • • • • • • • • • • • • • • • • • •
Security chip Fingerprint reader	Trusted Platform Module, TCG 1.2-compliant r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options,
Limited warranty ¹²	² 3-years/1-yr battery - depot repair service / service upgrades ²² available	please go to QP-TA sheet

ThinkPad L430 2469 (TopSeller) - Windows 8

Tuna madal	Dunnana	Mamani	Wide- screen	Camana	Disk SATA	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print	Blue-	Bat- tery	Dualand	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	WLAN	WWAIWIIISAIA	3101	reader	tootii	cells	Preload	(mm/yy)
2469-2TU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205 ²⁸	WWAN upg	Express 54	Finger	BT	6	Win7 Pro64	10/12
2469-2SU	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Intel 2200	WWAN upg	Express 54	None	None	6	Win7 Pro64	10/12
2469-2RU	i3-3110M	4GBx1	14.0" HD	720p	320G 7200	Intel 2200	WWAN upg	Express 54	None	None	6	Win7 Pro64	10/12
2469-32U	i5-3230M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	Win7 Pro64	02/13
2469-2ZU	i5-3230M	4GBx1	14.0" HD	720p	320G 7200	Intel 2200	WWAN upg	None	None	None	6	Win7 Pro64	02/13
2469-2YU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	Win7 Pro64	02/13
2469-2XU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	None	6	Win7 Pro64	02/13
2469-2WU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	WLAN upg	WWAN upg	None	Finger	BT	6	Win7 Pro64	02/13

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

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Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology	preinstalled through
	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 i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000,	downgrade rights in Windows 8 Pro 64-bit
	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,	Preloaded applications ⁵ (only some listed)
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	- Windows 7 models
Memory	8GB max ⁷ / 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	Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power 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™	Lenovo SimpleTap Adobe® Reader® Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition
mSATA™ SSD	None	(DVD±RW)
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio	Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Camera	Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Windows 8 models Lenovo Support
Graphics	Intel HD Graphics 4000 in processor,	Lenovo Companion Lenovo QuickLaunch
	supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort;	 Cyberlink Power2Go (DVD±RW)
	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)	Cyberlink PowerProducer (DVD±RW)
Keyboard	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys	All models Lenovo Solution Center
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass	Password Manager
Touch pad ThinkLight™	UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None	ThinkVantage System Update Fingerprint Software (fingerprint)
Dimensions ³	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm	models)
Weight ²	6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg)	Lenovo Cloud Storage
Case material Battery - type	Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication	by SugarSync Microsoft® Office preloaded;
Battery - life ¹⁰	6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr	purchase a product key to activate
Chipset	Mobile Intel HM76 Express Chipset	Norton™ Internet Security (30 days of virus definitions)
ExpressCard Smart Card read	Some: One slot (ExpressCard/34, ExpressCard/54)	• Skype TM
	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)	
PCIe Mini Card PCIe WLAN ⁴	Two PCI Express Mini Card slots Some: Wireless LAN upgradable	
1 OIC WEAN	Some: 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Some: 11a/b/g/n, PCle Half Mini Card, Intel Centrino Advanced-N 6205, 2x2	Supports ThinkVantage® technologies
PCIe WWAN	Wireless WAN upgradable	65-watt AC adapter
Carrier Modem	None None	EPEAT™ Gold rating
Bluetooth™	Some: Bluetooth 4.0 wireless	ENERGY STAR® 5.0-compliant GREENGUARD® certified
Ethernet Intel AMT	Realtek® RTL8111F Gigabit Network Connection None	RoHS-compliant
Audio support	HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 /	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
Security	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	during the warranty period ¹²
Security chip Fingerprint reader	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-L430 sheet;
1 5 9 1	supports the security chip	For Lenovo service ²² upgrade options,
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	please go to QP-TA sheet

ThinkPad L430 2465

			Wide- screen		Disk SATA	PCIe PC Mini Card	WWAN/		Smart Card		Finger print	Blue-	tery	Workhoi (W)	Pre-	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	WLAN	mSATA	Carrier	Reader	Card slot	reader	tooth	cells	Global (G) load	(mm/yy)
2465-33U	i5-3360M	4GBx1	14.0" HD	720p	500G 7200	Intel 620528	upg	None	Smart	Exp 54	Finger	BT	6	W G	Pro 64	06/12
2465-32U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	Smart	Exp 54	Finger	BT	6	W G	Pro 64	06/12
2465-28U	i7-3520M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	upg	None	None	None	Finger	BT	9		Pro 64	06/12
2465-29U	i5-3360M	4GBx1	14.0" HD+	720p	500G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	9	G	Pro 64	06/12
2465-2AU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G	Pro 64	06/12
2465-2BU	i5-3360M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G	Pro 64	06/12
2465-2CU	i5-3320M	4GBx1	14.0" HD	None	320G 7200	Intel 2200	upg	None	None	Exp 54	None	BT	6	G	Pro 64	06/12
2465-2DU	i5-3360M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	9	G	Pro 64	06/12
2465-2EU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G	Pro 64	06/12
2465-2FU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	None	No	6	G	Pro 64	06/12
2465-2GU	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	Gobi	select	None	None	Finger	BT	9		Pro 64	06/12
2465-2HU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	Gobi	select	None	None	Finger	BT	6		Pro 64	06/12
2465-2JU	i5-3320M	4GBx1	14.0" HD	None	500G 7200	Intel 2200	upg	None	None	None	None	No	6		Pro 64	06/12
2465-2KU	i5-3320M	4GBx1	14.0" HD	None	320G 7200	Intel 2200	upg	None	None	None	None	No	6		Pro 64	06/12

	A depot repair service 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, 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager
Memory	8GB max ⁷ / 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 ¹⁴ (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 Camera	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	ThinkVantage Power Manager Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (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 (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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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 ⁴	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	
PCIe WWAN	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	EV-DO Nev. A, GPRS/WCDMA/RSPA, GPS Some: User selectable, AT&T®, Verizon®, or Sprint®, 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	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, supports the security chip	For compatible accessories, please go to O-L430 sheet;
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad L430 2465 (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Carrier		Blue- tooth	tery) Preload	Ann Date (mm/yy)
2465-62U	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Intel 6205 ²⁸	WWAN upg	None	Finger	ВТ	6	G	Win8 Pro64	10/12
2465-65U	i5-3320M	4GBx1	14.0" HD	None	320G 7200	Intel 2200	WWAN upg	None	None	No	6	G	Win8 Pro64	10/12
2465-63U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	G	Win8 Pro64	10/12
2465-64U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205	WWAN upg	None	Finger	BT	6	G	Win8 Pro64	10/12

DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2 yolfedt, 4MB cache), Intel HD Graphics 4000 DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology GBG max*/ PC-63-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets System automatically clocks down for processors with 1333MHz DDR3 memory controller System automatically clocks down for processors with 1333MHz DDR3 memory controller Some: SIAT disk Some: Six State Drive (SSD) / SATA 6.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Drive / SATA 3.005b; 2.5° wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Drive / SATA 3.005b; 2.	Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000,	Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit
Security of the Control of the Cont	1 1000001	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,	Preloaded applications ⁵ (only some listed)
Optical SATA disk Some: Action 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® Adobes Reader® Core® Windows (SSD) / SATA 6.0Gb/s, 2.5° wide, 7mm or 9.5mm high, removable, upgradable Active Protection System® Adobes Reader® Core® Windows SimpleTage Reader® Core® Windows Reader® Core® Windows SimpleTage Reader® Core® Windows Reader® Core® Core® Windows Reader® Core® Windows Reader® Core® Core® Windows Reader® Core® Core	Memory	dual-channel capable, two 204-pin SO-DİMM sockets	Lenovo® Message Center Plus ThinkVantage Product Recovery
Midesprendisplay Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD (160x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; 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); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x12000 @60Hz (single-link DVI-1 via optional Mini DP cable); 1920x120n mini promodel via contrast ratio 1920x120n mini promodel via contras	Optical SATA disk	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,	ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader®
Widescren display Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 40:1 contrast ratio Some: 14.0" (355mm) HD + (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 40:1 contrast ratio Some: HD720 resolution, wide view angle, low light sensitive, face tracking, fixed focus left in the 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-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-1 via optional Mini DP cable); 1920x1200 @ 60Hz	mSATA™ SSD		
Gamera Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort, supports the vive to vive division of vive division of vive division of vive divis	Widescreen display	200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	(DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Lenovo Companion	Camera		
TrackPoints Track	Graphics	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);	Lenovo Companion Lenovo QuickLaunch PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer
Weight² Case material Battery - type Battery - type Battery - life¹⁰ Chipset ExpressCard Smart Card read Multicard Reader Ports PCIE Mini Card PCIE WLAN¹ PCIE Express Mini Card slots Some: 11b/g/n, PCIE Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 PCIE WWAN Carrier Model Buteooth™ Buteototh™ Buteototh™ Buteototh™ Buteototh™ Buteototh™ Buteototh™ Buteototh™ Audio support Audio support Audio support Security Security Fingerprint reader Some: Authen Tec fingerprint reader on palm rest, swipe sensor, LED indicator, supports she security chip Fingerprint reader (from 5.14 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Buteototh 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Buteototon Scale (from 5.14 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Buteotol (5.7Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr Mobile Intel IMT 6 Express Chipset None Bluetooth™ Audio support Audio support Security Power-on password, hard disk password, supervisor password, security keyhole Fingerprint models) Lenovo Cloud Storage by SugarSync Nicroson* Office preloaded; purchase a product key to activate Norton™ Internet Security Norton™ Internet (RJ-45) Supports ThinkVantage® technologies Security Supports ThinkVantage® technologies Security Supports ThinkVantage® technologies Security Supports ThinkVantage® technologies Security Norton™ Internet Social So	Keyboard TrackPoint® Touch pad ThinkLight™	TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch	- All models - Lenovo Solution Center
Chipset ExpressCard None Smart Card read Multicard Reader A-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) PCle Mini Card PCle Mini Card PCle WHAN⁴ PCle Wireless Wan upgradable Carrier None Modem None Bluetooth™ Some: Bluetooth 4.0 wireless Ethernet Realtek® RTL8111F Gigabit Network Connection Intel AMT None Audio support 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 Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports she security chip Mone None None AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports she security chip Power-on password, supports the security chip	Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	6-cell: from 5.11 b (2.32kg); 9-cell: from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication	Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync
PCIe WLAN ⁴ 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 PCIe WWAN Carrier None Modem None Bluetooth¹™ Some: Bluetooth 4.0 wireless Ethernet Intel AMT Audio support 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 Security Chip Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports service²² upgrade options Supports ThinkVantage® technologies		None None 4-in-1 reader (MMC, SD, SDHC, SDXC)	purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions)
Carrier Modem Modem None Bluetooth [™] Some: Bluetooth 4.0 wireless Ethernet Intel AMT 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 Security Security Chip Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip None Some: Bluetooth 4.0 wireless EHAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹® toll-free support during the warranty period¹² For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options	PCIe Mini Card PCIe WLAN ⁴	Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2	Supports ThinkVantage® technologies
Intel AM I None Audio support 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 Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip International Warranty Service¹¹ 24 hour x 7 day¹¹¹ toll-free support during the warranty period¹² For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options	PCIe WWAN Carrier Modem Bluetooth™ Ethernet	None None Some: Bluetooth 4.0 wireless	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options	Intel AMT Audio support Security	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	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
To Lenovo service apprade options	Security chip	Trusted Platform Module, TCG 1.2-compliant Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	go to O-L430 sheet;
	Limited warranty ¹²	7.1	For Lenovo services upgrade options, please go to QP-TA sheet

Preload

Win7 Pro64

Win7 Pro64

Win7 Pro64

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02/13

Finger Bat-print Blue- tery reader tooth cells

ВТ

BT

BT

9

9

Finger

Finger

Finger

ThinkPad L430 2465 (Windows 8) - II

Memory

4GBx1

4GBx1

4GBx1

Type-model Processor

i5-3360M

i5-3360M

i5-3360M

2465-7BU

2465-7AU

2465-79U

Wide-

screen display

14.0" HD+

14.0" HD

14.0" HD+

Camera

720p

720p

720p

Disk SATA GB⁸ rpm

500G 7200

320G 7200

320G 7200

PCIe Mini Card WLAN

Intel 6205²⁸

Intel 6205

Intel 6205

PCIe Mini Card WWAN/

mSATA

WWAN upg

WWAN upg

WWAN upg

Card slot

Express 54

Express 54

Express 54

2465-78U i5-33	· · · · · · · · · · · · · · · · · · ·	nger BT 6 Win7 Pro64 02/13									
2465-77U i5-33											
2465-7QU i3-23 2465-7PU i3-23		nger BT 6 Win7 Pro64 02/13 nger BT 9 Win7 Pro64 02/13									
2465-7NU i5-32		nger BT 9 Win7 Pro64 02/13									
2465-7MU i5-32											
2465-7GU i5-32	30M 4GBx1 14.0" HD 720p 320G 7200 Intel 6205 WWAN upg Express 54 Fir	nger BT 6 Win7 Pro64 02/13									
Positioning Processor	Processor 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 i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, downgrade rights in										
	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 i5-3360M processor (2 cores, 2.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology	Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications ⁵ (only some listed)									
Memory	- 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™	ThinkVantage Power Manager Lenovo Simple Tap Adobe® Reader® Corel® WinDVD® (DVD±RW)									
mSATA™ SSD	None	 Corel Burn.Now™ Lenovo Édition 									
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	(DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)									
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Windows 8 modelsLenovo Support									
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 Companion Lenovo QuickLaunch PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer									
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	(ĎVD±RW) - All models • Lenovo Solution Center • Password Manager									
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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	ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Misrosoft® Office preloaded:									
Chipset Express Card One slot (Express Card/34, Express Card/54) Smart Card read Multicard Reader Ports Mobile Intel HM76 Express Chipset One slot (Express Card/34, Express Card/54) 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 ⁴	Two PCI Express Mini Card slots 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	WWAN Wireless WAN upgradable Per None None None Some: Bluetooth 4.0 wireless None None None None None None None None										
Security Security chip Fingerprint reade	Power-on password, hard disk password, supervisor password, security keyhole 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-L430 sheet; For Lenovo service ²² upgrade options,									
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	please go to QP-TA sheet									
See footnotes for n	See footnotes for more detailed information © Lenovo (CDI 12) February 2013										

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Card slot	Finger print reader	Blue- tooth	Bat- tery cells	Preload	Ann Date (mm/yy)
2465-27U	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Intel 6205 ²⁸	None	Express 54	Finger	ВТ	9	Pro 64	06/12

Positioning Processor	Mainstream business performance; two spindles 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
Memory	8GB max ⁷ / 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	Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™
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™	Password Manager Preloaded applications ¹⁴ (only some listed) Language Contar Plus
mSATA™ SSD	None	Lenovo Message Center Plus ThinkVantage Product Recovery
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	 Access Connections™ Fingerprint Software (fingerprint models) ThinkVantage System Update
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	ThinkVantage Power Manager
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	 Microsoft® Öffice preloaded; purchase a product key to activate Norton™ Internet Security 2012 (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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 hr	,
Chipset ExpressCard Smart Card read Multicard Reader Ports	Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) 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 ⁴	Two PCI Express Mini Card slots 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	None None Sluetooth 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	90-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 Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant AuthorTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-L430 sheet;
Limited warranty ¹²	supports the security chip 3-years/1-yr battery - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet
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Product Specifications Reference (PSREF)

ThinkPad L430 2465 (Optimus) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Card slot	Finger print reader	Blue- tooth		Preload	Ann Date (mm/yy)
2465-7DU	i7-3520M	4GBx2	14.0" HD+	720p	180G SSD	Intel 62052	8 None	Express 54	Finger	BT	9	Win7 Pro64	02/13
2465-7CU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Intel 6205	None	Express 54	Finger	BT	9	Win7 Pro64	02/13

Memory Memor	Positioning Processor	Mainstream business performance; two spindles Intel® Core™ i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000,	
Optical SATA disk Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable Some: Hard Disk Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable product Recovery (SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ (None Widescreen display 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio (Some: 14.0" (355mm) HD (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio (HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus (NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA® NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA) (Poetink Power2Go (DVD±RW) (PVD±RW) (P	Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	downgrade rights in Windows 8 Pro 64-bit
Widescreen display Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIANS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-l via optional Mini DP cable); 2048x1536@85Hz (VGA) Keyboard TrackPoint® Touch pad ThinkLight™ None Dimensions³ Veight² Access Connections™ ThinkVantage Power Manager Lenovo SimpleTae Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models Lenovo Support Lenovo Companion Lenovo Sultion Conter Oyberlink Power2Go (DVD±RW) All models Lenovo Solution Center Password Manager Fingerprint Software (fingerprint	SATA disk	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™	listed) - Windows 7 models - Lenovo® Message Center Plus
display 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports sterenal analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600 @ 60Hz (DisplayPort via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-l via optional Mini DP cable); 2048x1536 @ 85Hz (VGA) Keyboard TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass Touch pad ThinkLight™ None Dimensions³ Weight² 200 nits, 16:9 aspect ratio, 400:1 contrast ratio HD700vc paspect ratio, 400:1 contrast ratio HD700vc Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel Bvrn.Now™ Lenovo Edition (DVD±RW) Corel DvD MovieFactory® Lenovo Edition (DVD±RW) Lenovo Support Lenovo Cquick-Launch Cyberlink Power2Go (DVD±RW) Cyberlink Power2Go (DVD±RW) All models Lenovo Solution Center Password Manager Fingerprint Software (fingerprint)			 Access Connections™
NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 2048x1536@85Hz (VGA)		200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	Lenovo SimpleTap Corel® WinDVD® (DVD±RW)
Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600 @60Hz (DisplayPort via optional Mini DP cable); 1920x1200 @60Hz (single-link DVI-l via optional Mini DP cable); 2048x1536@85Hz (VGA) Keyboard TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass Touch pad ThinkLight™ None Dimensions³ UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.94" x 9.57" x 1.17−1.24"; 354mm x 243mm x 29.6−31.4mm Weight² 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) Edition (DVD±RW) - Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch Cyberlink Power2Go (DVD±RW) - Cyberlink PowerProducer (DVD±RW) - All models Lenovo Support Lenovo Support Lenovo Companion Lenovo QuickLaunch Cyberlink PowerProducer (DVD±RW) - All models Lenovo Support Lenovo	Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	
supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600 @ 60Hz (DisplayPort via optional Mini DP cable); 1920x1200 @ 60Hz (single-link DVI-l via optional Mini DP cable); 2048x1536 @ 85Hz (VGA) Keyboard TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass Touch pad ThinkLight™ None Dimensions³ 14.0W" (WxDxH): 13.94" x 9.57" x 1.17−1.24"; 354mm x 243mm x 29.6−31.4mm Weight² Weight² VLenovo Support Lenovo Companion Lenovo QuickLaunch Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) All models Lenovo Support Lenovo Support Lenovo Companion Lenovo Companion Lenovo QuickLaunch Cyberlink PowerPcoducer (DVD±RW) All models Lenovo Support Lenovo Companion Lenovo Support Lenovo Companion	Graphics	Intel HD Graphics 4000 in processor, and	Edition (DVD±RW)
TrackPoint® TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass Touch pad UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm Weight² 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) (DVD±RW) - All models Lenovo Solution Center Password Manager Fingerprint Software (fingerprint		supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable);	 Lenovo Support Lenovo Companion Lenovo QuickLaunch Cyberlink Power2Go (DVD±RW)
Dimensions ³ 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 29.6–31.4mm Weight ² 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) • Password Manager • Fingerprint Software (fingerprint	TrackPoint® Touch pad	TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch	(ĎVD±RW) - All models
Battery - type Lithium Ion 6-cell or 9-cell, HW Authentication Battery - life ¹⁰ Lithium Ion 6-cell or 9-cell, HW Authentication Battery - life ¹⁰ 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 hr	Weight ² Case material Battery - type	6-cell: from 5.16 b (2.34kg); 9-cell: from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication	 Password Manager Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync
Chipset Express Card Smart Card read Multicard Reader Ports Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) None Multicard 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) • Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions)	ExpressCard Smart Card read Multicard Reader	One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC)	purchase a product key to activate ■ Norton™ Internet Security
PCIe Mini Card Two PCI Express Mini Card slots PCIe WLAN ⁴ Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Supports ThinkVantage® technologie			Supports ThinkVantage® technologies
PCIe WWAN None Carrier None None Bluetooth™ Bluetooth™ Ethernet Intel AMT None Audio support Audio, Realtek & ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / Audio support PO-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	PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT	None 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 /	90-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
Security Power-on password, hard disk password, supervisor password, security keyhole		Power-on password, hard disk password, supervisor password, security keyhole	71
Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip For compatible accessories, please go to O-L430 sheet; For Lengue service ²² ungrade option		r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	go to O-L430 sheet;
Limited warranty ¹² 3-years /1-yr battery - depot repair service / service upgrades ²² available For Lenovo service ²² upgrade option please go to QP-TA sheet	Limited warranty ¹²	11	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad L430 2466 (Onsite)

			Wide- screen		Disk SATA	PCle PC Mini Card	WWAN/		Smart Card		Finger print	Blue-	terv	Workhorse (W) Global (G) Pre-	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	WLAN	mSATA	Carrier	Reader	Card slot	reader	tooth	cells	GMP (P) load (mm/yy)
2466-33U	i5-3360M	4GBx1	14.0" HD	720p	500G 7200	Intel 620528	³ upg	None	Smart	Exp 54	Finger	BT	6	W G P Pro 64	06/12
2466-32U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	Smart	Exp 54	Finger	BT	6	W G P Pro 64	06/12
2466-3AU	i7-3520M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	9	Pro 64	06/12
2466-3BU	i5-3360M	4GBx1	14.0" HD+	720p	500G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	9	G P Pro 64	06/12
2466-3CU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G P Pro 64	06/12
2466-3DU	i5-3360M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G P Pro 64	06/12
2466-3EU	i5-3360M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	9	G P Pro 64	06/12
2466-3FU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	upg	None	None	Exp 54	Finger	BT	6	G P Pro 64	06/12
2466-3GU	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	Intel 6205	Gobi	select	None	Exp 54	Finger	BT	9	Pro 64	06/12
2466-3HU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	Gobi	select	None	Exp 54	Finger	BT	6	Pro 64	06/12
2466-3JU	i5-3320M	4GBx1	14.0" HD	None	500G 7200	Intel 2200	upg	None	None	Exp 54	None	No	6	Pro 64	06/12
2466-3KU	i5-3320M	4GBx1	14.0" HD	None	320G 7200	Intel 2200	upg	None	None	Exp 54	None	No	6	Pro 64	06/12

• Some models are part of the Global Models Plus program with limited onsite service²⁴ 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, 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager
Memory	8GB max ⁷ / 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 ¹⁴ (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 Widescreen display	None Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	ThinkVantage System Update ThinkVantage Power Manager Microsoft® Office preloaded; purchase a product key to activate
Camera	250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Norton™ Internet Security 2012 (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 (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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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 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 ⁴ 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, PCIe 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 Sprint®, 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
Fingerprint reader	Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L430 sheet;
Limited warranty ¹²	3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available	For Lenovo service ²² upgrade options please go to QP-TA sheet

ThinkPad L430 2466 (Onsite) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Card	Card slot	Finger print reader	Blue-	tery) Preload	Ann Date (mm/yy)
2466-62U	i7-3520M	4GBx1	14.0" HD+	- 720p	500G 7200	Intel 620528	WWAN upg	None	None	Finger	BT	6	GΡ	Win8 Pro64	10/12
2466-63U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	GΡ	Win8 Pro64	10/12
2466-64U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Intel 6205	WWAN upg	None	None	Finger	BT	6	GΡ	Win8 Pro64	10/12
2466-5UU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	Intel 2200	WWAN upg	None	None	None	No	6		Win7 Pro64	02/13
2466-5TU	i5-3320M	2GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	None	Exp 54	Finger	BT	6		Win7 Pro64	02/13
2466-5SU	i5-3320M	2GBx1	14.0" HD	720p	320G 7200	Intel 6205	WWAN upg	Smart	Exp 54	Finger	BT	6		Win7 Pro64	02/13

• Some models are part of the Global Models Plus program with limited onsite service²⁴ 3-year limited warranty

Positioning Processor	Mainstream business performance; two spindles 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 i5-3320M 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	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications ⁵ (only some
Memory	8GB max ⁷ / 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 • Lenovo® Message Center Plus
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™	 ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager
mSATA™ SSD	None	Lenovo SimpleTap Adobe® Reader®
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio	Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Edition (DVD±RW)
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)	- Windows 8 models - Lenovo Support - Lenovo Companion - Lenovo QuickLaunch - PC Device Stage
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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) 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	All models Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models)
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)	 Lenovo Cloud Storage by SugarSync Microsoft[®] Office preloaded; purchase a product key to activate Skype™
PCIe Mini Card PCIe WLAN ⁴ 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 Wireless WAN upgradable	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Wireless WAN upgradable None 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 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	Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L430 sheet;
Limited warranty ¹²	3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad L430 2466 (Optimus) - Onsite

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	PCle Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Card slot	Finger print reader	Blue- tooth	tery	GMP (P)		Ann Date (mm/yy)
2466-39U	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Intel 620528	⁸ None	Express 54	Finger	ВТ	9	No	Pro 64	06/12

Positioning Processor	Mainstream business performance; two spindles 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
Memory	8GB max ⁷ / 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	Ready to install applications ¹⁴ (only some listed) • Rescue and Recovery™
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™	Password Manager Preloaded applications ¹⁴ (only some listed)
mSATA™ SSD	None	Lenovo Message Center Plus ThinkVantage Product Recovery
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	Access Connections™ Fingerprint Software (fingerprint models)
Camera	250 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	ThinkVantage System UpdateThinkVantage Power Manager
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	 Microsoft® Öffice preloaded; purchase a product key to activate Norton™ Internet Security 2012 (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 ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 hr	,
Chipset ExpressCard Smart Card read Multicard Reader Ports	Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) 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 WLAN⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 None	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT	None None Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None	90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Audio support Security Security chip	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	RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
	AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip	For compatible accessories, please go to O-L430 sheet;
Limited warranty ¹²	3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

See footnotes for more detailed information

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ThinkPad L430 Accessories

IninkPad L430 Accessories		Troduct opec	mications ricierchee (Forter)
Memory 2GB PC3-12800 DDR3 SODIMM 4GB PC3-12800 DDR3 SODIMM	0A65722 ann 06/05/12 0A65723 ann 06/05/12	Batteries ThinkPad Battery 70+ (6-cell) ThinkPad Battery 70++ (9-cell)	0A36302 ann 06/05/12 0A36303 ann 06/05/12
Storage and removable storage ThinkPad 16GB mSATA Solid State Cache Drive	0B47309 ann 12/11/12 45K1690 ann 05/26/09	ThinkPad Battery 70++ (9-cell) ThinkPad External Battery Charger ⁴⁴ 44 Requires the <i>ThinkPad 90W AC Adapter</i> 40Y7659 or the adapter provided with the syst	40Y7625 <i>ann 09/20/05</i> em.
USB 2.0 Portable 500GB Hard Disk USB 3.0 Secure 500GB Hard Drive	0A65619 ann 11/29/11	More information at www.lenovo.com/alldaycon	nputing
USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive Lenovo Slim USB Portable DVD Burner	0A65616 ann 11/29/11 0A65621 ann 08/28/12 0A33988 ann 06/14/11	ThinkPad 65W AC Adapter ⁴⁵ ⁴⁵ Only compatible with the integrated graphics n ThinkPad 90W AC Adapter 90W Ultraslim AC/DC Combo Adapter	40Y7696 ann 01/05/06 nodels. 40Y7659 ann 09/20/05 41R4493 ann 09/22/09
ThinkPad Expansion Lenovo® Essential Notebook Stand	45J9292 ann 05/12/09	More info at www.lenovo.com/support/powerac	lapters
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	433615W ann 06/05/12 433710U ann 06/05/12 433715U ann 06/05/12 433815U ann 06/05/12 433835U ann 06/05/12	Charging tips for 90W Ultraslim AC/DC Combo AleiPod and iPhone Charge Tip (L10a) Generic Micro USB charge tip (L18) More information at www.lenovopowertips.com	41R4481 ann 12/18/07 41R4490 ann 01/06/09
Keyboard TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse ⁵² 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 -size USB receiver.	Carrying Cases Up to 15.6" widescreen models: Lenovo Messenger Max 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	41U5253 ann 05/01/07 41U5254 ann 05/01/07 43R2476 ann 05/13/08 43R2482 ann 05/13/08 43R2478 ann 05/13/08 43R2480 ann 05/13/08 0A33896 ann 02/28/12 0A33897 ann 02/28/12 0A33898 ann 02/28/12
Mouse	000,4000	More information at www.lenovo.com/support/c	ases
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 Multimedia	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	Monitors ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D)® ThinkVision L2251x Wide 22" (VGA, DP)® DisplayPort cable is not included. ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Case (USB 2.0)	² 2448MB6 ann 09/13/11 2578HB6 ann 10/20/09 1452DS6 ann 08/16/11 1452DB6 ann 08/16/11
ThinkPad In-Ear Headphones with microphone	57Y4488 ann 01/07/10	More information at www.lenovo.com/support/n	
Modem USB 2.0 Lenovo Modem Security	43R1814 ann 02/26/08	Monitor Accessories ⁴⁶ Lenovo USB 3.0 to DVI/VGA Monitor Adapter Lenovo Mini-DisplayPort to VGA Monitor Cable	0B47072 ann 08/14/12 0A36536 ann 05/17/11
3M 14.0W Privacy Filter from Lenovo Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock USB Gemplus GemPC Smart Card Reader ExpressCard Gemplus Smart Card Reader ⁵⁷ 57 Only compatible with the models having 54mm	0A61769 ann 04/05/11 73P2582 ann 12/29/03 45K1620 ann 09/30/08 57Y4303 ann 08/24/10 41N3040 ann 02/21/06 41N3043 ann 06/27/06 Express card slot.	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 Lenovo Easy Reach Monitor Stand 46 Compatible on selected Lenovo and ThinkVision	0B47091 ann 07/24/12 0A36190 ann 05/01/12 73P2582 ann 12/29/03 45K1620 ann 09/30/08 57Y4303 ann 08/24/10 55Y9258 ann 09/22/09
		More information at www.lenovo.com/support/n	nonitoraccessories
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		www.lenovo.com/accessoriesguide Option Compatibility Matrix (OCM) and accessor	ry brochures
		www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo	o systems