

Lenovo® ThinkPad T430



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Lenovo ThinkPad T430 with ThinkPad Port Replicator Series 3 with USB 3.0 433615W

ThinkPad T430 2342 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Finger print reader	Blue- tooth		Intel AMT	Intel vPro	Preload	Ann Date (mm/yy)
2342-38U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upg	None	No	6	iAMT	vPro	Pro 64	06/12
2342-37U	i5-3320M	4GBx2	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Pro 64	06/12
2342-36U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Pro 64	06/12
2342-35U	i5-3210M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Pro 64	06/12
2342-34U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Pro 64	06/12
2342-33U	i5-3210M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Pro 64	06/12
2342-32U	i5-3210M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Pro 64	06/12
2342-4AU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Pro 64	07/12
2342-6CU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	09/12

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

Positioning Processor	Premiere 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 i5-3210M 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 ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™
Memory	16GB 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)
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	 Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery Access Connections™ Fingerprint Software (fingerprint models)
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage by SugarSync Lenovo SimpleTap Microsoft® Office preloaded;
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)	purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two 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	Supports ThinkVantage® technologies
PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security	Some: 11a/b̄/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 sheet;
Limited warranty ¹²	² 1-year - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad T430 2342 (TopSeller) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Finger print reader	Blue-		Intel	Intel vPro	Preload	Ann Date (mm/yy)
2342-6FU	i5-3210M	4GBx1	14.0" HD		500G 7200		Intel 2200	WWAN upg	None	No	6	None	No	Win7 Pro64	
2342-6DU	i5-3320M		14.0" HD+		500G 7200			1 0				iAMT		Win8 Pro64	
2342-49U	i5-2520M	4GBx1	14.0" HD		500G 7200		Intel 2200	WWAN upg				None		Win8 Pro64	
2342-48U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Win8 Pro64	10/12
2342-47U	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Win8 Pro64	10/12
2342-7PU	i5-3230M	4GBx1	14.0" HD+	- 720p	128G SSD	None	Intel 6205	WWAN upg	Finger	ВТ	6	None	No	Win7 Pro64	02/13
2342-7NU	i5-3230M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Win8 Pro64	02/13
2342-6QU	i5-3230M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	No	6	None	No	Win7 Pro64	02/13
2342-7YU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Win7 Pro64	04/13

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	Premiere performance; two spindles	Preloaded operating system ²⁰
Processor	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 i5-3210M 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, 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,	 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
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	listed)
Memory	16GB 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 Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition
Widescreen	None Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight,	(DVD±RW) • Corel DVD MovieFactory® Lenovo
display	200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	Edition (DVD±RW) - Windows 8 models
Camera	250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo SupportLenovo 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 PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 All models Lenovo Solution Center Password Manager ThinkVantage System Update
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security
Chipset ExpressCard Smart Card read	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None	(30 days of virus definitions) • Skype™
Multicard reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	
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	Supports ThinkVantage® technologies
PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support	Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 Fingerprint reade	r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 sheet; For Lenovo service ²² upgrade options.

ThinkPad T430 2344 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader	Blue- tooth		Intel AMT	Intel vPro	Preload (r	Ann Date mm/vv)
2344-5NU	i7-3520M	4GBx2	14.0" HD+	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upa	Finger	BT	6	iAMT	vPro	Pro 64	
2344-5MU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	
2344-5LU	i7-3520M	4GBx2	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	
2344-5KU	i7-3520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	06/12
2344-5HU	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	06/12
2344-5FU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	06/12
2344-5EU	i5-3320M	8GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	06/12
2344-5DU	i5-3210M	4GBx1	14.0" HD+	720p	128G SSD	None	Intel 6205	WWAN upg	Finger	BT	6	None	None	Pro 64	06/12
2344-2HU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	06/12
2344-6XU	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	07/12
2344-6RU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Pro 64	07/12

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

Positioning	Dramiava parformanas tuo anindlas	Dual
Positioning Processor	Premiere performance; two spindles 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 ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only
	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 listed) ■ Rescue and Recovery [™] ■ Password Manager
Memory	16GB 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 Ultrabay SATA disk	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	Lenovo® Solution Center Lenovo Message Center Plus 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, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 ThinkVantage Power Manager Lenovo Cloud Storage by SugarSync Lenovo SimpleTap
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Microsoft® Office preloaded; purchase a product key to activate
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)	 Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Evernote®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34)	
Smart Card read Multicard reader Ports	None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	O a service Third Washers ® Laster starting
PCIe Mini Card PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack	Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹ 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 r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-T430 sheet;
Limited warranty ¹²	Power On Authentication, supports the security chip 2 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 T430 2344 (TopSeller) - Windows 8

Type-model	Drocessor	Memory	Wide- screen display	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	print	Blue-		Intel AMT	Intel vPro	Preload	Ann Date (mm/yy)
2344-BZU	i5-3320M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205 ²⁸	WWAN upg	Finger	BT	6	iAMT	vPro	Win7 Pro64	10/12
2344-BYU	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Win8 Pro64	10/12
2344-BNU	i5-3320M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Win7 Pro64	10/12
2344-BKU	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Win7 Pro64	10/12
2344-6ZU	i7-3520M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 2200	WWAN upg	Finger	BT	6	None	No	Win8 Pro64	10/12
2344-6YU	i5-3320M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Win8 Pro64	10/12
2344-6SU	i5-3320M	4GBx1	14.0" HD	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Win8 Pro64	10/12
2344-C4U	i5-3320M	4GBx1	14.0" HD	500G 7200	None	Intel 6205	WWAN upg	None	No	6	iAMT	vPro	Win7 Pro64	10/12
2344-FQU	i5-3320M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205	WWAN upg	None	BT	6	iAMT	vPro	Win7 Pro64	06/13
2344-GRU	i5-3320M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	WWAN upg	None	BT	6	iAMT	vPro	Win7 Pro64	07/13
2344-GQU	i5-3320M	4GBx1	14.0" HD+	256G SSD OPAL	Backlit	Intel 6205	WWAN upg	None	BT	6	iAMT	vPro	Win7 Pro64	07/13
2344-GPU	i5-3320M	4GBx1	14.0" HD+	256G SSD OPAL	Backlit	Intel 6205	WWAN upg	Finger	BT	6	iAMT	vPro	Win7 Pro64	07/13
2344-GNU	i5-3320M	4GBx1	14.0" HD	320G 7200 OPAL	None	Intel 6205	WWAN upg	None	BT	6	iAMT	vPro	Win7 Pro64	07/13
2344-GMU	i5-3320M	4GBx1	14.0" HD+	320G 7200 OPAL	None	Intel 6205	WWAN upg	None	BT	6	iAMT	vPro	Win7 Pro64	07/13

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

Some: Intel* Core** Is-3320M processor (2 cores, 2.00GHz, 3MB cache), Intel HD Graphics 4000, DR3 memory controller (by to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core 17-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DR3 memory controller (by to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Some many controller (by 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Some standard capable, two 204-pin SO-DIMS ookets			
dual-channel capable, two 204-pin SQ-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6 Golbs, 2.5° wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Snock Mounted Hard Drive Midescreen display Some: 14.0° (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Camera HD720 presolution, 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 dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini	Processor	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
Ultrabay SATA disk SATA disk SATA my SSD Windows 7 modale Lenovo® Message Center P SATA 3 my SSD Windows 7 modale Lenovo® Message Center P SATA 3 my SSD Windows 7 modale Lenovo® Message Center P None Widescreen display Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0° (355mm) HD (1366/788) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Corell Windows 7 models Lenovo Simple Tap Corell Windows 7 mo		dual-channel capable, two 204-pin SO-DIMM sockets	- Some: Windows 8 Pro 64-bit Preloaded applications ⁵ (only some listed)
Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio	Uİtrabay SATA disk	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access <i>Some</i> : Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ removable, upgradable, supports the second disk, Shock Mounted Hard Drive	Windows 7 models Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager
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 DP cable); apports dual independent display; Maximum external resolution: 2560x1600 @60Hz (DisplayPort via optional Mini DP cable); 2048x1536 @75Hz (VGA) Keyboard TrackPoint* From this DVI-I via optional Mini DP cable); 2048x1536 @75Hz (VGA) G-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint* pointing device, "Press-to-Select," Internet Scroll Bar¹s, magnifying glass Utrakav™, wide douchpad below keyboard, Tap Zones, scrolling, multi-fouch Illuminates the keyboard to improve visibility in low-light conditions Dimensions³	Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	Adobe® Reader® Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW)
TrackPoint® TrackPoint® TrackPoint® Touchpad To	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);	Edition (DVD±RW) - Windows 8 models - Lenovo Support - Lenovo Companion
## Case material Case material	TrackPoint® Touchpad	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch	Cyberlink Power2Go (DVD±RW)Cyberlink PowerProducer
Chipset ExpressCard Smart Card read Multicard reader Ports Two PCI Express Min Card, None PCIe WLAN⁴ Carrier PCIe WWAN Carrier None Modem IEEE 1394 Bluetooth™ Some: Intel AMT Some: Intel AMT Some: Intel AMT Smar: Intel AMT Mobile Intel QM77 Express Chipset One slot (Express Card/34) None A-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) 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® technology 65-watt AC adapter ThinkPad Roll Cage (one-piecomagnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service	Weight ² Case material Battery - type	6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr;	 Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage
PCIe WLAN⁴ 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 Mone Modem IEEE 1394 Bluetooth™ Some: Bluetooth 4.0 wireless Ethernet Intel AMT Some: Intel Active Management Technology (iAMT) Some: Intel Active Management Technology (iAMT) Some: Some: Intel Active Management Technology (iAMT) Some: Some: Intel Active Management Technology (iAMT)	ExpressCard Smart Card read Multicard reader	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC)	Microsoft® Office preloaded; purchase a product key to activate
PCIe WWAN Carrier None None None None EPEAT™ Gold rating ENERGY STAR® 5.0-compliar GRENGUARD® certified Ethernet Intel AMT Some: Intel Active Management Technology (iAMT) Wireless WAN upgradable ThinkPad Roll Cage (one-pied magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliar GREENGUARD® certified RoHS-compliant International Warranty Service		Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2	Supports ThinkVantage® technologies
volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security Volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole during the warranty period ¹²	Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Wireless WAN upgradable None None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array 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	ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹¹² 24 hour x 7 day¹® toll-free support during the warranty period¹² For compatible accessories, please
Devices On Authorities the consequent the account of		Power On Authentication, supports the security chip	For Lenovo service ²² upgrade options

ThinkPad T430 2342 (Optimus) - TopSeller

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCle Mini Card WWAN/mSATA	Finger print reader	Blue- tooth	Bat- tery cells	Intel vPro	Preload	Ann Date (mm/yy)
2342-4BU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upa	None	None	6	None	Pro 64	07/12

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

Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64
Memory	16GB 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 Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	 Password Manager Preloaded applications¹⁴ (only some listed) Lenovo® Solution Center Lenovo Message Center Plus Thick Center Product Password
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 ThinkVantage Product Recovery Access Connections™ Fingerprint Software (fingerprint models) ThinkVantage System Update
Camera Graphics	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 3000 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)	 ThinkVantage Power Manager Lenovo Cloud Storage by SugarSync Lenovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Adobe® Reader® Skype™ for Windows Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr	 Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card read Multicard reader	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC)	Cupporte Think/ontoge® to should give
Ports PCIe Mini Card PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support	Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN upgradable None None None None Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 None HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	Supports ThinkVantage® technologies 90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 For compatible accessories, please
Security chip Fingerprint reader Limited warranty ¹²	Trusted Platform Module, TCG 1.2-compliant r None 2 1-year - depot repair service / service upgrades ²² available	go to O-T430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad T430 2342 (Optimus) - TopSeller (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader	Bat- tery cells	Intel vPro	Preload	Ann Date (mm/yy)
2342-4CU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	6	None	Win8 Pro64	10/12

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

DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller Optical ODb burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay SIim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ ThinkVantage Product Rect Access Connections™	20
Optical Ultrabay Some: 12.7mm Ultrabay Slim-compatible, 12.7mm high, bottom access SATA disk Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, bottom access Mall: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None Widescreen display Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus NVIDIA Poptimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports three independent displays; Maximum external resolution: 2560x1600@60Hz (bigle-link DVI-I via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA) Keyboard TrackPoint® TrackPoint® TrackPoint® Dimensions³ 14.0W" (WXDxH): 13.4" x 9.13" x 1.17-1.18"; 340.5mm x 232.0mm x 29.8-29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Display cover: Carbon-fiber / Glass-fiber hybrid;	
Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 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 3000 in processor, and NVIDIANVS™ 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) Keyboard TrackPoint® Touchpad ThinkLight™ Dimensions³ UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions 14.0W" (WxDxH): 13.4" x 9.13" x 1.17-1.18"; 340.5mm x 232.0mm x 29.8-29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; • Corel Burn.Now™ Lenovo E(DVD±RW) • Corel DVD MovieFactory® L Edition (DVD±RW) • Windows 8 models • Lenovo Support • Lenovo Poetics Stage • Cyberlink Power2Go (DVD±	very
NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 2048x1536@85Hz (VGA) Keyboard TrackPoint® TrackPoint® Touchpad UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions Weight² Case material PNU (WxDxH): 13.4" x 9.13" x 1.17−1.18"; 340.5mm x 232.0mm x 29.8−29.9mm Oisplay cover: Carbon-fiber / Glass-fiber hybrid; NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Lenovo Support Lenovo Companion • Lenovo QuickLaunch • PC Device Stage • Cyberlink Power2Go (DVD± Cyberlink Power2Go (DVD± Cyberlink Power2Go (DVD± Cyberlink PowerProducer (DVD±RW) • All models • Lenovo Solution Center • Password Manager • ThinkVantage System Upda • Fingerprint Software (finger models) • Lenovo Cloud Storage	
Keyboard TrackPoint® TrackPoint® Dimensions® ThinkLight™ Dimensions® Teach Point® Case material 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass Lenovo Solution Center DultraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions 14.0W" (WxDxH): 13.4" x 9.13" x 1.17−1.18"; 340.5mm x 232.0mm x 29.8−29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Case material 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight • Lenovo Solution Center Password Manager • ThinkVantage System Upda • Fingerprint Software (finger models) • Lenovo Cloud Storage	RW)
Dimensions ³ Weight ² Case material 14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; • Fingerprint Software (finger models) Lenovo Cloud Storage	e
Battery - type Battery - life¹¹ Battery - life¹¹ Battery - life¹¹ Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr Microsoft® Office preloaded purchase a product key to a • Norton™ Internet Security	orint
Chipset Mobile Intel QM77 Express Chipset ExpressCard One slot (ExpressCard/34) Smart Card read None Multicard reader 4-in-1 reader (MMC, SD, SDHC, SDXC) (30 days of virus definitions Skype™ Skype™	
Ports Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) Supports ThinkVantage® technology	ologies
PCIe Mini Card PCIe WLAN⁴ PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Audio support Audio support Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN upgradable None None None None IEEE 1394 None Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 None HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack 90-watt AC adapter ThinkPad Roll Cage (one-piec magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service 24 hour x 7 day¹® toll-free supp during the warranty period¹² during the warranty period¹²	t 17
Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader None For compatible accessories, p go to O-T430 sheet; For Lenovo service ²² upgrade	
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available please go to QP-TA sheet	puons,

ThinkPad T430 2344 (Optimus) - TopSeller

Type-model	Processor	Wide- screen essor Memory display Camera		Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader			Intel vPro			
2344-5PU 2344-5JU 2344-5GU 2344-6VU 2344-6TU	i7-3520M i5-3320M i5-3320M i7-3520M i5-3320M	4GBx1 4GBx1 4GBx1 4GBx1 4GBx1	14.0" HD+ 14.0" HD+ 14.0" HD+ 14.0" HD+ 14.0" HD+	720p 720p 720p	500G 7200 180G SSD 500G 7200 500G 7200 500G 7200	None None None Backlit Backlit	Intel 6205 ²⁸ Intel 6205 Intel 6205 Intel 6205 Intel 6205	WWAN upg WWAN upg WWAN upg WWAN upg WWAN upg	Finger Finger Finger Finger Finger	BT BT BT BT BT	9 9 9 9	vPro vPro vPro vPro vPro	Pro 64 Pro 64 Pro 64 Pro 64 Pro 64	06/12 06/12 06/12 07/12 07/12

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

Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only some listed)
Memory	16GB 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	 Rescue and Recovery™ Password Manager
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	Preloaded applications ¹⁴ (only some listed) Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery Access Connections TM Eigenvint Software (fingerprint
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage
Camera Graphics	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)	by SugarSync • Lenovo SimpleTap • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr	Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
	4-in-1 reader (MMC, SD, SDHC, SDXC)	
PORS PORS PCIE Mini Card PCIE WLAN⁴ PCIE WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) Two PCI Express Mini Card slots 11a/b/g/n, PCle Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array 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	Supports ThinkVantage® technologies 90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹² For compatible accessories, please
	AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip 3-years/1-yr battery - depot repair service / service upgrades ²² available	go to O-T430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad T430 2344 (Optimus) - TopSeller (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA		Blue- t	Bat- ery Intel ells vPro	Preload	Ann Date (mm/yy)
2344-BPU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205 ²⁸	WWAN upg	Finger	BT	9 vPro	Win7 Pro64	10/12
2344-BMU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	9 vPro	Win7 Pro64	10/12
2344-6WU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	9 vPro	Win8 Pro64	10/12
2344-6UU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	Finger	BT	9 vPro	Win8 Pro64	10/12
2344-FSU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	None	BT	9 vPro	Win7 Pro64	06/13
2344-GSU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 6205	WWAN upg	None	BT	9 vPro	Win7 Pro64	07/13

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

Positioning Processor	Premiere 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	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB 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: Windows 8 Pro 64-bit Preloaded applications⁵ (only some listed)
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	Windows 7 models Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	 Lenovo SimpleTap Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
Graphics	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)	Edition (DVD±RW) - Windows 8 models - Lenovo Support - Lenovo Companion - Lenovo QuickLaunch - PC Device Stage - Cyberlink Power2Go (DVD±RW) - Cyberlink PowerProducer
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	(ĎVD±RW) - All models - Lenovo Solution Center - Password Manager
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr	 ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded; purchase a product key to activate
Chipset ExpressCard Smart Card read Multicard reader	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) The USB 2.0 the USB 2.0 (one powered) VCA DB 15 Mini DisplayBort, ethernet (B L45)	 Norton™ Internet Security (30 days of virus definitions) Skype™
Ports PCIe Mini Card PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security	Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	Supports ThinkVantage® technologies 90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹¹² 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Security chip Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 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 T430 2347

			Wide- screen		Disk SATA	Backlit key-	PCIe PC Mini Card	Cle Mini C WWAN/	ard	Finger print	Blue-	Bat-	G Intel	lobal (GMP	G)	Ann Date
Type-model	Processor	Memory	display	Camera		board	WLAN	mSATA	Carrier	reader	tooth			(P)	Preload	
2347-GAU	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 620528	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-H9U	i5-3320M	4GBx1	14.0" HD	720p	180G SSD	None	Intel 6205	upg	None	Finger	BT	6	vPro		Pro 64	06/12
2347-G8U	i5-3320M	4GBx1	14.0" HD+	720p	128G SSD	None	Intel 6205	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-GBU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-G5U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-H8U	i7-3520M	4GBx1	14.0" HD	No	500G 7200	None	Intel 6205	upg	None	None	No	6	vPro		Pro 64	06/12
2347-H7U	i5-3320M	4GBx1	14.0" HD	No	320G 7200	None	Intel 6205	upg	None	None	No	6	vPro		Pro 64	06/12
2347-H6U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro		Pro 64	06/12
2347-H2U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro		Pro 64	06/12
2347-GZU	i5-3320M	4GBx1	14.0" HD	720p	128G SSD	None	Intel 6205	upg	None	Finger	BT	6	vPro		Pro 64	06/12
2347-G3U	i7-3520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-G2U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	Finger	BT	6	vPro	G	Pro 64	06/12
2347-K9U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	Gobi	AT&T	Finger	BT	6	vPro		Pro 64	09/12
2347-K8U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	Gobi	Verizon	Finger	BT	6	vPro		Pro 64	09/12

	- A depot repair service o year immed warranty	
Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only
Memory	16GB 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 Proleaded applications 14 (only some
Optical Ultrabay SATA disk	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™
mSATA™ SSD	None	 Fingerprint Software (fingerprint
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	models) ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage
Graphics	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 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)	by SugarSync • Lenovo SimpleTap • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Skype™ for Windows Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two 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 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable	Supports ThinkVantage® technologies
Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support	Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, PCle Mini Card, LTE, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS Some: AT&T® or Verizon® LTE (4G), contract required with service provider None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 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 T430 2347 (Windows 8)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Finger print reader	Blue- 1		Intel	lobal GMP (P)		Ann Date (mm/yy)
туре-почен	110063301	WEITIOT y	uispiay	Camera	ав тріп	Doard	WEAN	IIIOAIA	reader	tootiiit	CIIS	VITIO	(1)	ricioau	(111111/99)
2347-JKU	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upg	Finger	BT	6	vPro		Win8 Pro64	10/12
2347-JGU	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win8 Pro64	10/12
2347-JBU	i7-3520M	4GBx1	14.0" HD	No	500G 7200	None	Intel 6205	WWAN upg	None	No	6	vPro		Win8 Pro64	10/12
2347-JAU	i5-3320M	4GBx1	14.0" HD	No	320G 7200	None	Intel 6205	WWAN upg	None	No	6	vPro		Win8 Pro64	10/12
2347-J9U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	G	Win8 Pro64	10/12
2347-J8U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	G	Win8 Pro64	10/12
2347-L4U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win7 Pro64	12/12
2347-L3U	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win7 Pro64	12/12

Docitioning	Dramiava navfarmanaa, tuu anindlaa	Dual- ad- d
Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Some: Windows [®] 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB 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: Windows 8 Pro 64-bit Preloaded applications⁵ (only some listed)
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	- Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Lenovo SimpleTap Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
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)	 Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch PC Device Stage
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) All models
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	 Microsoft® Office preloaded; purchase a product key to activate Skype™
PCIe Mini Card	Two PCI Express Mini Card slots	Supports ThinkVantage® technologies
PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 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 T430 2347 (Optimus)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader	Blue-	tery Intel		Blue- tery Intel		Blue- tery Intel				ery Intel GMP		Ann Date mm/yy)
2347-G9U	i7-3520M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205 ²⁸	WWAN upg	Finger	ВТ	9	vPro	G	Pro 64	06/12						
2347-G7U	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	G	Pro 64	06/12						
2347-G6U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	G	Pro 64	06/12						
2347-G4U	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	G	Pro 64	06/12						

Positioning Premiere performance; two spindles Preloaded operating sy	. 00
Processor 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 Ready to install applica	
Memory 16GB 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 * Prelocated any licetion is some listed) • Rescue and Recovery [†] • Password Manager	
Optical Ultrabay SATA disk One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access SATA disk Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive Preloaded applications listed) Lenovo® Solution Center Lenovo Message Center ThinkVantage Product Lenovo Message Center ThinkVantage Product Access Connections™ Access Connections™	er er Plus
mSATA™ SSD None Widescreen Some: 14.0" (355mm) HD (1366x768) color, anti-plane, LED backlight.	ingerprint
Widescreen Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, display 200 nits, 16:9 aspect ratio, 300:1 contrast ratio models) Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio models) ThinkVantage System to ThinkVantage Power Models ThinkVantage Power Models	1anager
Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus by SugarSync	
NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 54000M, 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) • Lenovo SimpleTap • Microsoft® Office preloa purchase a product key Norton™ Internet Secu (30 days of virus definit) • Adobe® Reader® • Skype™ for Windows • Evernote®	y to activate rity 2012
Keyboard TrackPoint® 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions • Intel Small Business Ad RapidBoot HDD Accele Symantec™ VIP • Windows Live™ Essent	erator tials
Dimensions³ Weight² Case material Battery - life¹⁰ Batte	ovo Edition
Chipset Mobile Intel QM77 Express Chipset ExpressCard One slot (ExpressCard/34)	
ExpressCard One slot (ExpressCard/34) Smart Card read None Multicard reader (MMC, SD, SDHC, SDXC) Ports Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	
PCIe Mini Card Two PCI Express Mini Card slots Supports ThinkVantage®	technologies
PCIe WLAN ⁴ 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 PCIe WWAN Wireless WAN upgradable None 90-watt AC adapter ThinkPad Roll Cage (one magnesium frame)	e-piece
Modem None EPEĂT™ Gold rating	
IEEE 1394 None ENERGY STAR® 5.Ŏ-com Bluetooth™ Bluetooth 4.0 wireless GREENGUARD® certified	
Ethernet Intel AMT Intel AMT Audio support Intel AMS Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack RoHS-compliant Intel RoHS-compliant International Warranty Se 24 hour x 7 day¹8 toll-free during the warranty per	ervice ¹⁷ e support
Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Trusted Platform Module, TCG 1.2-compliant For compatible accessori go to O-T430 sheet;	
Power On Authentication, supports the security chip Limited warranty ¹² 3-years /1-yr battery - depot repair service / service upgrades ²² available For Lenovo service ²² upg please go to QP-TA shee	rade options, t

ThinkPad T430 2347 (Optimus) - Windows 8

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader		ooth cells vPro		Preload	Ann Date (mm/yy)
2347-L5U	i7-3520M	4GBx1	14.0" HD+	720p	180G SSD	Backlit	Intel 620528	WWAN upa	Finger	BT	9	vPro	Win7 Pro64	12/12

Processor 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 pre	oaded operating system ²⁰ ndows® 7 Professional 64
Momony 16CP may 7 / PC2 12000 1600MHz DDP2 non parity	einstalled through
dual-channel capable, two 204-pin SO-DIMM sockets Will	wngrade rights in ndows 8 Pro 64-bit oaded applications ⁵ (only some
Optical Ultrabay One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access SATA disk Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive SATA™ SSD Nesc	
Widescreen display Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio • Le • Ad • Co	novo SimpleTap dobe® Reader® orel® WinDVD® (DVD±RW) orel Burn.Now™ Lenovo Edition
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); • Co Ed • Wii • Le	VD±RW) orel DVD MovieFactory® Lenovo dition (DVD±RW) indows 8 models enovo Support enovo Companion enovo QuickLaunch C Device Stage
Keyboard TrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch • Cy • Cy • Cy • Cy	/berlink Power2Go (DVD±RW) /berlink PowerProducer VD±RW) I models
Dimensions ³ Weight ² Case material Battery - life ¹⁰ Battery - lif	enovo Solution Center assword Manager ainkVantage System Update ngerprint Software (fingerprint odels) anovo Cloud Storage SugarSync
Chipset Mobile Intel QM77 Express Chipset Syrross Card One old (Express Card/24)	crosoft® Office preloaded; rchase a product key to activate sype™
PCIe Mini Card PCIe WLAN⁴ PCIe WLAN⁴ PCIe WWAN PCIe WWAN Wireless WAN upgradable None Modem None Bluetooth 1™ Bluetooth 1™ Bluetooth 1™ Intel AdTive Management Technology (iAMT) Audio support HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security PCIe WWAN Wireless WAN upgradable None Bluetooth 4.0 wireless Ethernet Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel AMT Audio support HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Fingerprint reader PCIE WHAN FUNDAMENTAL STATES AND STATES A	ports ThinkVantage® technologies watt AC adapter kPad Roll Cage (one-piece agnesium frame) AT™ Gold rating RFY STAR® 5.0-compliant ENGUARD® certified S-compliant national Warranty Service¹7 our x 7 day¹8 toll-free support uring the warranty period¹2 compatible accessories, please to O-T430 sheet;
	_enovo service ²² upgrade options,

ThinkPad T430 2349 (Onsite)

			Wide- screen		Disk SATA	Backlit key-	PCIe PC Mini Card	le Mini C WWAN/		Smart Card	Finger print		Bat-		lobal (Ann Date
Type-model	Processor	Memory		Camera		board			Carrier							Preload	
2349-GAU	i5-3320M	4GBx1	14.0" HD	+ 720p	180G SSD	None	Intel 620528	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-GDU	i5-3320M	4GBx1	14.0" HD	720p	128G SSD	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-G8U	i5-3320M	4GBx1	14.0" HD	+ 720p	128G SSD	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-G5U	i5-3320M	4GBx1	14.0" HD	+ 720p	500G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-GCU	i5-3320M	4GBx1	14.0" HD	+ 720p	320G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-GWU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro		Pro 64	06/12
2349-GVU	i7-3520M	4GBx1	14.0" HD	No	500G 7200	None	Intel 6205	upg	None	None	No	No	6	vPro		Pro 64	06/12
2349-GUU	i5-3320M	4GBx1	14.0" HD	No	320G 7200	None	Intel 6205	upg	None	None	No	No	6	vPro		Pro 64	06/12
2349-GRU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro		Pro 64	06/12
2349-G3U	i7-3520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-G2U	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	None	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-HFU	i5-3320M	4GBx1	14.0" HE	+ 720p	320G 7200	None	Intel 6205	upg	None	Smart	Fing	BT	6	vPro	GΡ	Pro 64	06/12
2349-HNU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	None	No	BT	6	vPro	GΡ	Pro 64	07/12
2349-JTU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	Gobi	AT&T	None	Fing	BT	6	vPro		Pro 64	09/12
2349-JSU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	Gobi	Verizon	None	Fing	BT	6	vPro		Pro 64	09/12

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

-	Some models are part of the Global Models Plus program with limited onsite service ²⁴ 3-year	•
Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only some listed)
Memory	16GB 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	 Rescue and Recovery™ Password Manager
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,	Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager Langua Clay Storage
Camera	250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Lenovo Cloud Storage by SugarSync
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)	 Lénovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader®
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	Skype™ for Windows Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card read Multicard reader Ports PCIe Mini Card PCIe WLAN ⁴		
PCIe WWAN	Some: Wireless WAN upgradable Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, PCIe Mini Card,	Supports ThinkVantage® technologies
Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	LTE, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS Some: AT&T® or Verizon® LTE (4G), contract required with service provider None None Some: Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array 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 ThinkPad Roll Cage (one-piece magnesium frame) 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	r Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 sheet;
Limited warranty ¹²	² 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 T430 2349 (Onsite) - Windows 8

			Wide- screen		Disk SATA	Backlit key-	PCle Mini Card	PCIe Mini Card WWAN/	Finger print		Bat- tery		lobal (G)	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	board	WLAN	mSATA	reader	tooth	cells	vPro	(P)	Preload	(mm/yy)
2349-JQU	i7-3520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upg	Finger	BT	6	vPro	GΡ	Win8 Pro64	10/12
2349-JPU	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	GΡ	Win8 Pro64	10/12
2349-JNU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	GΡ	Win8 Pro64	10/12
2349-JMU	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	GΡ	Win8 Pro64	10/12
2349-LTU	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win7 Pro64	12/12
2349-LSU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win7 Pro64	12/12
2349-LRU	i5-3320M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro		Win7 Pro64	12/12

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

Positioning Processor	Premiere 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	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	16GB 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: Windows 8 Pro 64-bit Preloaded applications⁵ (only some listed)
Optical Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	- Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Adobe® Reader® Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
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-l via optional Mini DP cable); 2048x1536@75Hz (VGA)	Edition (DVD±RW) - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW)
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	 All models Lenovo Solution Center Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	by SugarSync • Microsoft® Office preloaded; purchase a product key to activate • Skype™
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 IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array 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 ThinkPad Roll Cage (one-piece magnesium frame) 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, Power On Authentication, supports the security chip	For compatible accessories, please go to O-T430 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 T430 2349 (Optimus) - Onsite

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader	Blue- tooth	Bat- tery cells	Intel	lobal (GMP (P)		Ann Date mm/yy)
2349-G9U	i7-3520M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205 ²⁸	WWAN upg	Finger	ВТ	9	vPro	GΡ	Pro 64	06/12
2349-G7U	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	GΡ	Pro 64	06/12
2349-G6U	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	GΡ	Pro 64	06/12
2349-G4U	i5-3320M	4GBx1	14.0" HD+	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	BT	9	vPro	GΡ	Pro 64	06/12

• Part of the Global Models Plus program with limited onsite service²⁴ 3-year limited warranty

Positioning Processor	Premiere 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	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only
Memory	16GB 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 Probabled applications 14 (only some
Optical Ultrabay SATA disk	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™
mSATA™ SSD	None	Fingerprint Software (fingerprint
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio	models) ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	by SugarSync
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)	 Lenovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	 Evernote® Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr;	 Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Dationy mo	9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr	
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	
PCIe Mini Card	Two PCI Express Mini Card slots	Supports ThinkVantage® technologies
PCIe WLAN⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please
	Power On Authentication, supports the security chip	go to O-T430 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 T430 2349 (Optimus) - Onsite (Windows 8)

			Wide- screen		Disk SATA	Backlit kev-	PCle Mini Card	PCle Mini Card	Finger print	Blue-	Bat- terv	Intel		Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	board	WLAN	WWAN/mSATA		tooth			Preload	(mm/yy)
2349-I UU	i7-3520M	4GBx1	14.0" HD+	720n	180G SSD	Backlit	Intel 620528	WWAN upa	Finger	BT	9	vPro	Win7 Pro64	12/12

Positioning Processor	Premiere 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 - Windows® 7 Professional 64 preinstalled through
Memory	16GB 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	downgrade rights in Windows 8 Pro 64-bit Preloaded applications ⁵ (only some
Optical Ultrabay SATA disk	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive	listed) - Windows 7 models - Lenovo® Message Center Plus - ThinkVantage Product Recovery - Access Connections™
mSATA™ SSD	None	ThinkVantage Power Manager
Widescreen display	Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo SimpleTap Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
Graphics		Edition (DVD±RW)
	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)	Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch PC Device Stage Cyberlink Power2Go (DVD±RW)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	Cyberlink PowerProducer (DVD±RW) All models Lenovo Solution Center
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 31.6 hr	 Password Manager ThinkVantage System Update Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded;
Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	purchase a product key to activate Norton™ Internet Security (30 days of virus definitions) Skype™
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 IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array 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 AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 For compatible accessories, please
Limited warranty ¹²	Power On Authentication, supports the security chip 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	go to O-T430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad T430i 2342 (TopSeller)

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB [®] rpm	Backlit key- board	Mini Card	PCIe Mini Card WWAN/mSATA	Finger print reader				Intel vPro	Preload (ı	Ann Date mm/yy)
2342-2ZU	i3-2370M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	None	None	6	None	None	Pro 64	06/12
2342-2YU	i3-2370M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 2200	WWAN upg	None	None	6	None	None	Pro 64	06/12

Positioning Processor	Premiere 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
Memory	16GB 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 Ultrabay SATA disk mSATA™ SSD	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ All: removable, upgradable, supports the second disk, Shock Mounted Hard Drive None	Preloaded applications ¹⁴ (only some listed) Lenovo® Solution Center 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, 300:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Access Connections™ Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager
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)	Lenovo Cloud Storage by SugarSync Lenovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions	(30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote®
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0A36304): up to 32.5 hr	Intel Small Business Advantage RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW)
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)	Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Supports ThinkVantage® technologies
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem IEEE 1394 Bluetooth TM Ethernet Intel AMT Audio support Security	Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN upgradable None None None Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 None HD Audio, Realtek® ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) 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 For compatible accessories, please
Security chip Fingerprint reader	Trusted Platform Module, TCG 1.2-compliant	go to O-T430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad T430 Accessories

Memory	0.4.05700 00/05/	Batteries	A00000 00/05/40
2GB PC3-12800 DDR3 SODIMM 4GB PC3-12800 DDR3 SODIMM	0A65722 ann 06/05/: 0A65723 ann 06/05/:		0A36302 ann 06/05/12 0A36303 ann 06/05/12
8GB PC3-12800 DDR3 SODIMM	0A65723 ann 06/05/		0A36304 ann 06/05/12
13.2 · 00 · 1200 BB i i 0 00B ii vii vi	2. 100. = 1 aiiii 00/00/	43 To be used along with system battery for all-day	
Ultrabay Enhanced 12.7mm		attaches under ThinkPad using docking connect	tor
Serial ATA Hard Drive 12.7mm Bay Adapter III	0A65623 ann 02/28/		ator or Docks).
DVD Burner Ultrabay Enhanced Drive III	0A65625 ann 06/05/	² ThinkPad External Battery Charger ⁴⁴	40Y7625 ann 09/20/05
Storage and removable storage		44 Requires the <i>ThinkPad 90W AC Adapter</i>	
ThinkPad 16GB mSATA Solid State Cache Drive	0B47309 ann 12/11/2	2 40 Y7659 or the adapter provided with the system	m.
500GB 5400rpm SATA 3.0Gb/s 7mm 4K HDD ⁴¹	0A65631 ann 06/05/		outing
500GB 7200rpm SATA 3.0Gb/s 7mm 4K HDD ⁴¹	0A65632 ann 06/05/	2 Think Pad 65W AC Adaptor 45	40Y7696 ann 01/05/06
320GB 7200rpm SATA 3.0Gb/s 7mm 4K HDD ⁴¹	0A65635 ann 06/05/	2 45 Only compatible with the integrated graphics mo	
320GB 7200rpm SATA 3.0Gb/s 7mm Self Encrypting (SED) OPAL Capable HDD ⁴¹	0A65636 ann 08/21/	ThinkPad 90W AC Adapter	40Y7659 <i>ann 09/20/05</i>
128GB SATA 6.0Gb/s 7mm Solid State Drive ⁴¹	0A65629 ann 06/05/	ONW Litracijim AC/DC Combo Adapter	41R4493 <i>ann 09/22/09</i>
180GB SATA 6.0Gb/s 7mm Solid State Drive ⁴¹	0A65630 ann 06/05/		pters
256GB 2.5" SATA 6.0Gb/s OPAL-capable SSD ⁴¹	0A65620 ann 05/15/		•
⁴¹ Can be used as the main HDD or with	MAGEORGI: H. LIII. I		41R4481 <i>ann 12/18/07</i>
Serial ATA Hard Drive 12.7mm Bay Adapter III (1A65623 in the Ultrabay.		41R4490 <i>ann 01/06/09</i>
USB 2.0 Portable 500GB Hard Disk	45K1690 ann 05/26/0	9 More information at www.lenovonowertins.com	
USB 3.0 Secure 500GB Hard Drive	0A65619 ann 11/29/3	, ,	
USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive	0A65616 ann 11/29/3 0A65621 ann 08/28/3	2 Carrying Cases	
Lenovo Slim USB Portable DVD Burner	0A33988 ann 06/14/2	Up to 15.6" widescreen models:	44115050 5575
2011010 Olim GOD I Ortabio DVD Damoi	5, 100000 ann 00/14/	Lenovo Messenger Max	41U5253 ann 05/01/07
Wireless WAN (Mini PCI Express)			41U5254 <i>ann 05/01/07</i> 43R2476 <i>ann 05/13/08</i>
Only WWAN upgradable models:	040040=	Think Pad Rusiness Backpack	43R2476 ann 05/13/08
ThinkPad Gobi™ 3000 Mobile Broadband	0A36185 ann 04/12/1	Think Dad Daluya Eynandar Cook	43R2478 ann 05/13/08
ThinkPad Gobi 4000 Mobile Broadband - AT&T® ThinkPad Gobi 4000 Mobile Broadband - Verizon		ThinkPad Executive Leather Case	43R2480 <i>ann 05/13/08</i>
Think at Gobi 4000 Mobile Didaubana - Venzon	UNUUU 10 AIII UU/20/	Lenovo Sport Backpack - Red	0A33896 ann 02/28/12
ThinkPad Expansion			0A33897 ann 02/28/12
Lenovo® Essential Notebook Stand	45J9292 ann 05/12/0	g , \circ	DA33898 ann 02/28/12
ThinkPad Port Replicator Series 3 with USB 3.0			ses
ThinkPad Mini Dock Series 3 - 90W	433710U ann 06/23/0		
ThinkPad Mini Dock Series 3 w/ USB 3.0 - 90W TP Mini Dock Plus Series 3 w/ USB 3.0 - 90W	433715U ann 06/05/3 433815U ann 06/05/3		2448MB6 ann 09/13/11
TP Mini Dock Plus Series 3 w/ USB 3.0 - 170W	433835U ann 06/05/		2578HB6 <i>ann 10/20/09</i>
		⁶⁹ DisplayPort cable is not included.	
Keyboard	70D0000	ThinkVision LT1421 Wide 14" Mobile Monitor	450000
TrackPoint Cap Collection	73P2698 ann 12/16/0	3 with Protective Screen Cover (USB 2.0)	1452DS6 ann 08/16/11
Ultraslim Plus Wireless Keyboard and Mouse ⁵² USB Numeric Keypad	0A34032 ann 04/05/3 33L3225 ann 05/01/0		1452DB6 ann 08/16/11
Preferred Pro USB Keyboard	73P5220 ann 06/21/0	5	
Enhanced Performance USB Keyboard	73P2620 ann 03/23/0	4 More information at www.ienovo.com/support/mo	
ThinkPad USB Keyboard with TrackPoint	55Y9003 ann 08/18/0	g www.ienovo.com/support/thinkpad/optimus-mol	IIIIOIS
Lenovo® USB Fingerprint Keyboard	73P4730 ann 02/22/0		
Lenovo USB Smartcard Keyboard ⁵² Wireless via 2.4GHz technology using a micro	51J0155 <i>ann 03/24/</i> 0	Lenovo USB 3.0 to DVI/VGA Monitor Adapter (0B47072 ann 08/14/12
vvirciess via 2.4Gi iz technology using a Mich	SIZE OOD IECEIVEI.		0A36536 ann 05/17/11
Mouse		Mini-DisplayPort to Single-link DVI Monitor Cable (0847090 ann 06/26/12
Lenovo Optical Mouse (USB)	06P4069 ann 05/21/0	J Lanovo LISB Soundhar	0B47091 <i>ann 07/24/12</i> 0A36190 <i>ann 05/01/12</i>
Lenovo Laser Mouse (USB)	41U3074 ann 01/23/0	/ Kensington MicroSaver Cable Lock	73P2582 ann 12/29/03
ThinkPad USB Laser Mouse	57Y4635 ann 12/15/0	Yensington Twin Head Cable Lock	45K1620 ann 09/30/08
Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical)	31P7405 ann 08/27/0 31P7410 ann 06/04/0	Lenovo Security Cable Lock 5	57Y4303 <i>ann 08/24/10</i>
ThinkPad Travel Mouse (USB, Optical) ThinkPad Bluetooth Laser Mouse	0A36407 ann 06/26/3	2 Lenovo Easy Reach Monitor Stand	55Y9258 ann 09/22/09
Lenovo Wireless Laser Mouse ⁵²	0A36188 ann 12/20/		n monitors.
		More information at www.lenovo.com/support/mo	onitoraccessories
Multimedia	E7\/4400 04'0='		
ThinkPad In-Ear Headphones with microphone	57Y4488 ann 01/07/	0 For more information on accessories:	
Modem		www.lenovo.com/accessories	
USB 2.0 Lenovo Modem	43R1814 ann 02/26/0	Purchase Lenovo accessories	
	am 02/20/0	www.lenovo.com/support/accessories	
Security		Product specifications on Lenovo Support	
3M 14.0W Privacy Filter from Lenovo	0A61769 ann 04/05/		
Kensington® MicroSaver® Cable Lock	73P2582 ann 12/29/0	Ontion Compatibility Matrix (OCM) and accessory	brochures
Kensington Twin Head Cable Lock Lenovo Security Cable Lock	45K1620 ann 09/30/0 57Y4303 ann 08/24/3		
USB Gemplus GemPC Smart Card Reader	41N3040 ann 02/21/0		systems
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Spanning Comganus of London	-,