ThinkPad T430



Lenovo® ThinkPad T430



Lenovo ThinkPad T430



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Lenovo ThinkPad T430



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

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 (Ann Date mm/yy)
2344-4TG	i5-3210M	4GBx1	14.0" HD	720p	500G 7200	Backlit	Intel 62052	ngu NAWW ⁸	Finger	BT	6	None	None	Pro 64	06/12

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

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	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 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 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 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): 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)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card Modem	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	
IEEE 1394	None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support	Bluetooth 4.0 wireless 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	65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating
	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, Power On Authentication, supports the security chip	ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
Limited warranty ¹²	² 3-years /1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430 2344 (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	Card	print	tery	Intel		Preload	Ann Date (mm/yy)
2344-BTG	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upg	Smart	Finger	6	iAMT	vPro	Win7 Pro6	4 10/12
2344-BSG	i5-3210M	4GBx2	14.0" HD	720p	500G 7200	None	Intel 2200	WWAN upg	Smart	Finger	6	None	No	Win7 Pro6	4 10/12
2344-BJG	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	None	Finger	6	iAMT	vPro	Win7 Pro6	4 10/12

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

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 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 downgrade rights in Windows 8 Pro 64-bit Preloaded applications ⁵ (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	 Windows 7 models Lenovo® Message Center Plus
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	ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Windows Live™ Essentials Conductive™ MindOv® (CONDUCTIVE)
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	 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 AccuWeather 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): 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) Some: Smart Card reader 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 Norton™ Internet Security (30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 Wireless WAN upgradable None	
Modem IEEE 1394	None None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reade	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle 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 or AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip 2 3-years/1-yr battery - depot repair service / service upgrades²² available	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 Service¹¹² 24 hour x 7 day¹8 toll-free support during the warranty period¹²

ThinkPad T430 2344 (Optimus) - 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	SIM card	Finger print reader	Bat- tery cells	Intel vPro	Preload	Ann Date (mm/yy)
2344-4SG	i5-3210M	4GBx1	14.0" HD+	720p	500G 7200	Backlit	Intel 2200	Ericsson	Lenovo	Finger	6	None	Pro 64	06/12

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

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	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	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	 Password Manager Preloaded applications¹⁴ (only some listed) Lenovo® Solution Center Lenovo Message Center Plus
MSATA™ SSD Widescreen display	None 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	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	ThinkVaritage Gystern Opdate ThinkVaritage Power Manager
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	 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) 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 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr): 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 Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) Smart Card reader 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 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required	
Modem	None	Supports ThinkVantage® technologies
IEEE 1394 Bluetooth™	None Bluetooth 4.0 wireless	90-watt AC adapter
Ethernet Intel AMT Audio support Security	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	ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Securitý chip Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

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

Type-model	Processor	Memory	Wide- screen display	Disk SATA GB [®] rpm	Backlit key- board	PCle Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	Smart Card Reader	print	tery		Intel vPro	Preload	Ann Date (mm/yy)
2344-BUG	i7-3520M	4GBx2	14.0" HD+	500G 7200	None	Intel 6205 ²⁸	WWAN upg	Smart	Finger	9	iAMT	vPro	Win7 Pro64	10/12
2344-BRG	i5-3210M	4GBx1	14.0" HD+	500G 7200	None	Intel 2200	WWAN upg	Smart	Finger	6	None	No	Win7 Pro64	10/12

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

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 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 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	Preloaded applications ⁵ (only some listed)
Optical Ultrabay SATA disk MSATA™ SSD Widescreen display	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 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,	- Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap • Adobe® Reader® • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition
0	250 nits, 16:9 aspect ratio, 300:1 contrast ratio	(DVD±RW)
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)	 Corel DVD MovieFactory® Lenovo Edition (DVD±RW) Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch AccuWeather 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 9.4 hr; 9-cell (94Whr): up to 15.8 hr; 9-cell plus 9-cell Slice battery (94Whr): up to 31.6 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) Smart Card reader 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 Norton™ Internet Security (30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card	Two PCI Express Mini Card slots Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 Wireless WAN upgradable None	
Modem	None None	Supports ThinkVantage® technologies
IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	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 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, Power On Authentication, supports the security chip	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
Limited warranty ¹²	² 3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430 2347

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	tery	Intel AMT	Glo Intel vPro			Ann Date
Type Inouci						Dould			reader	OCIIO	AWI	VI 10	(,)	1 ICIOUU	(<i>yy)</i>
2347-GAG	i5-3320M	4GBx1	14.0" HD+	720p	180G SSD	None	Intel 6205 ²⁸	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-G8G	i5-3320M	4GBx1	14.0" HD+	720p	128G SSD	None	Intel 6205	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-GBG	i7-3520M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-G5G	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-G3G	i7-3520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-G2G	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	6	iAMT	vPro	G	Pro 64	06/12
2347-KUG	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	None	Intel 6205	WWAN upg	Finger	6	None	None		Pro 64	10/12
2347-KZG	i5-2520M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	6	None	None		Pro 64	10/12

• A depot repair service 3-year limited warranty

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 i5-3320M 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) • 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 models)
mSATA™ SSD Widescreen display Camera	None 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 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): 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 PCIe WWAN SIM card Modem	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	
IEEE 1394	None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	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 AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	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
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	during the warranty period ¹²

ThinkPad T430 2347 (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	print	Blue-		Intel		/	Ann Date (mm/yy)
2347-J9G	i5-3320M	4GBx1	14.0" HD+	720p	500G 7200	None	Intel 6205 ²⁸	WWAN upg	Finger	BT	6	vPro	G	Win8 Pro64	10/12
2347-J8G	i5-3320M	4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	WWAN upg	Finger	BT	6	vPro	G	Win8 Pro64	10/12

• 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	Preloaded operating system ²⁰ - 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	Preloaded applications ⁵ (only some listed) - Windows 7 models - Linguis Magazine Contar Plus
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® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Windows Live™ Essentials
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	 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 AccuWeather
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: 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	 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 Norton™ Internet Security (30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN SIM card Modem	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	
IEEE 1394	None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support Security Security chip	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
Fingerprint reader	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	RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
	apportopan solvito / solvito departation	adming the mandatty period

ThinkPad T430 2347 (Optimus)

Type-model	Processor	Memory	Wide- screen display	Disk SATA GB [®] rpm	Backlit key- board	PCIe Po Mini Card WLAN	Cle Mini Ca WWAN/ mSATA	rd SIM card	Smart Card Reader	Finger print reader	tery	Intel	Intel			Ann Date (mm/yy)
2347-G9G	i7-3520M	4GBx1	14.0" HD+	180G SSD	None	Intel 6205 ²⁸	upg	None	None	Finger	9	iAMT	vPro	G	Pro 64	06/12
2347-G7G	i7-3520M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	upg	None	None	Finger	9	iAMT	vPro	G	Pro 64	06/12
2347-G6G	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	upg	None	None	Finger	9	iAMT	vPro	G	Pro 64	06/12
2347-G4G	i5-3320M	4GBx1	14.0" HD+	320G 7200	None	Intel 6205	upg	None	None	Finger	9	iAMT	vPro	G	Pro 64	06/12
2347-KXG	i5-2520M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6300 ²⁸	Ericsson	selectable	Smart	Finger	9	None	No		Pro 64	10/12
2347-KWG	i5-2520M	4GBx1	14.0" HD+	128G SSD	None	Intel 6205	upg	None	None	Finger	9	None	No		Pro 64	10/12
2347-KVG	i5-2520M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205	Ericsson	selectable	Smart	Finger	9	None	No		Pro 64	10/12

• A depot repair service 3-year limited warranty

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 i5-3320M 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 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 applications ¹⁴ (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) ThinkVenton System Undete
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	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 or 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)	purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Evernote® Intel Small Business Advantage
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	RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition
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; Bottom: Carbon-Fiber Reinforced Plastic	(DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)
Battery - type Battery - life ¹⁰	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): up to 31.6 hr	
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) Some: Smart Card reader 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 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Ultimate-N 6300, 3x3 Some: Wireless WAN upgradable	
SIM card	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS Some: User selectable, contract required with service provider	
Modem IEEE 1394	None None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT Audio support	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	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant
	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, Power On Authentication, supports the security chip 2 3-years/1-yr battery - depot repair service / service upgrades ²² available	GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
	o-years/1 yr battery - depot repair service / service upgrades available	daring the warranty period

ThinkPad T430 2349 (Onsite)

-		Wide-		Disk	Backlit	PCIe PC	Cle Mini Ca	rd	Smart	Finger	Bat-		GI	obal (G)	Ann
Type-model Proce	ssor Memory	screen display C	amera	SATA GB [®] rpm	key- board	Mini Card WLAN	WWAN/ mSATA	SIM card	Card Reader	print reader	tery cells	Intel AMT	Intel vPro	GMP (P)		Date mm/yy)
2349-HFG i5-332						Intel 6205 ²⁸		None						GΡ	Pro 64	
2349-H3G i5-321 2349-GZG i5-332						Intel 6205	Ericsson Fricsson	Lenovo selectable	None		6 N				Pro 64 Pro 64	06/12
2349-GAG i5-332						Intel 6205	upg	None	None					GΡ	Pro 64	
2349-GDG i5-332						Intel 6205	upg	None	None				_		Pro 64	
2349-G8G i5-332 2349-G5G i5-332						Intel 6205 Intel 6205	upg upg	None None	None None						Pro 64 Pro 64	
2349-GCG i5-332						Intel 6205	upg	None	None						Pro 64	
2349-G3G i7-352 2349-G2G i5-332				500G 7200 320G 7200		Intel 6205 Intel 6205	upg upg	None None	None None	Fing					Pro 64 Pro 64	
2349-HNG i5-332	20M 4GBx1	14.0" HD	720p	320G 7200	None	Intel 6205	upg	None	None	No	6 i	ΑMT	vPro		Pro 64	07/12
2349-LLG i5-252 2349-LQG i5-252				320G 7200 500G 7200		Intel 6205 Intel 6205	upg upg	None None	None None		6 N				Pro 64 Pro 64	
Positioning Processor Memory Optical Ultrabay SATA disk mSATA™ SSD Widescreen display Camera Graphics	Intel® Core® DDR3 mem Intel Core is End Intel Core is Some: 14.0 End Intel Inte	ory controller 5-3210M pro ory controller 5-320M pro ory controller 7-3520M pro ory controller 7-3520M pro ory controller 7-2520M pro ory controller 7-2520M pro ory controller 7-2520M pro ory controller 12.7mm Ult removable d d State Drive 1 Disk Drive	r (up to cessor	ssor (2 cores 2 1333MHz), fr (2 cores, 2 1600MHz), fr (3 cores, 2 1600MHz), fr (3 cores, 2 1600MHz), fr (3 cores, 2 1600MHz), supports the financed, respectively.	Intel Tu 2.50GHz Intel Tu 2.60GHz Intel Tu 2.60GHz Intel Tu 2.90GHz Intel Tu mon-par M socket cessors emovablim-comp Gb/s, 2.5" wide, e secon or, anti-ntrast rablor, anti-ntrast rabt sensition, and socket for the sensition of t	rbo Boost 2. , 3MB cach rbo Boost 2. , 3MB cach rbo Boost 2. , 4MB cach rbo Boost 2. ity, ity, its with 1333Ml le batible, 12.7 "wide, 7mm 7mm high, A d disk, Shoo glare, LED batio i-glare, LED atio tive, face tra	0 (3.20GHe), Intel Ho (3.10GHe), Intel Ho (3.30GHe), Intel Ho (3.60GHHz DDR3 mm high Active Protok Mounterbacklight, backlight, cking, fixe	Iz), HT tecl ID Graphic ID G	hnology s 4000 hnology s 4000 hnology ontroller sess em TM	00, GP R S(renuing rofess ready reload sted) Lenov Lenov Think Acces Finger mode Think Lenov by St. Lenov Microl purch Norto	e Winnional to insted) to insted) to insted) we an word ded a vo® S vo Met els) Vanta services vo Sir soft® sof	dows' 64 stall a d Recolor of the control of the c	pplic covery ger n Cerreductions [™] e Cerroductions [™] torage ap preleuct k Sec 6 defir	s ¹⁴ (only nter nter Plus tt Recov (fingerp n Updat Manage	4 (only y some s yery rint e er
Keyboard TrackPoint® Touchpad ThinkLight™	supports dua Maximum ex 1920x1200@ 6-row, 84-ke TrackPoint® p UltraNav™, N Illuminates t	xternal resolu 60Hz (singley, ThinkVanta cointing devi- wide touchpa	ution: e-link age bu ce, "Pr ad belo	2560x1600@ DVI-I via opt atton, spill-re- ess-to-Selec- ow keyboard,	ional Mi sistant, i t," Inter Tap Zoi	ni DP cable) multimedia F net Scroll Ba nes, scrolling	; 2048x15 Fn keys, op ar ¹³ , magn g, multi-too	36@75Hz otional LED ifying glass	(VGA)) backlig	ght •	Evernote® Intel Small Business Advanta RapidBoot HDD Accelerator					
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	Display cove Lithium Ion 6 6-cell (57Wh 9-cell plus 9	4.77 lb (2.17ler: Carbon-fib 6-cell or 9-ce 6-cell or 9.7 6-cell Slice ba	kg); er / G II, sup hr; attery (9-cell: from 5 lass-fiber hyl ports optiona 9-cell (94W 194Whr): up t	5.13 lb (2 orid;	2.33kg) Bottom: Carb battery as 2r to 16.2 hr;	on-Fiber F	Reinforced		•	(DVD Corel	±RW) DVD)	eFact	tory® Le	
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel One slot (Ex Some: Sma 4-in-1 reade Two USB 3.0	xpressCard/3 art Card read r (MMC, SD, 0, two USB 2	4) er SDH0 2.0 (on	C, SDXC) e powered),	VGA DE	3-15, Mini Di	splayPort,	ethernet (RJ-45)							
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Exp 11a/b/g/n, P Some: Wire Some: Wire GPF	Cle Half Min eless WAN up	i Card ograda ricsso	Intel Centrir ble n® H5321gw	Mobile			Cle Half Mi	ini Card	,						
SIM card Modem	Some: Lend Some: User	ovo SIM, out-	of-box	service, pay	/-as-yoι	ı-go via cred ice provider	it card, no	contract re	equired							
IEEE 1394 Bluetooth™ Ethernet	None None Bluetooth 4. Intel 82579L	M Gigabit N	etwork	Connection	(Lewisy	ville), PHY, P	Cle x1			S	uppor	ts Thi	nkVar	ntage	® techno	ologies
Intel AMT Audio support Security Security chip Fingerprint reader	Pow	lealtek® ALC down, mute b assword, hard form Module nenTec fingel ver On Authe	3202 on the second disk of the s	codec, Dolby doda / dual array password, so 1.2-compliar eader on pa on, supports	Advan mic, mic upervisc nt m rest, the sec	ced Audio™ c mute butto or password, swipe senso urity chip	n, combo security k	audio/mic eyhole licator,	jack	2 / TI E E G R	magn PEAT ¹ NERG REEN OHS-C	ad Ro lesiur ™ Gol aY ST IGUA compl	II Ċag n fram d ratii AR® 5 RD® d iant	je (on ne) ng 5.0-co certifie		:
Limited warranty ¹²	public and n day for servi	ational holida	ays. Ca	alls received	after 3	om will requi				s 2	4 hour	x 7 c	lay¹8 t	oll-fre	Service ¹ ee suppe eriod ¹²	ort

ThinkPad T430 2349 (Onsite) - Windows 8

			Wide- screen	Disk SATA	Backlit kev-	PCIe Mini Card	PCIe Mini Card	d	Finger print	Bat- terv	Intel	GI Intel	obal (Ann Date
Type-model	Processor	Memory	display	GB ⁸ rpm	board	WLAN	mSATA	SIM card				vPro	(P)	Preload	(mm/yy)
2349-KDG	i5-3210M	4GBx1	14.0" HD	500G 7200	Backlit	Intel 6205 ²⁸	WWAN upg	None	Finger	6	None	No		Win7 Pro64	10/12
2349-KCG	i5-3210M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	Ericsson	Lenovo	Finger	6	None	No		Win7 Pro64	10/12
2349-JQG	i7-3520M	4GBx1	14.0" HD	500G 7200	None	Intel 6205	WWAN upg	None	Finger	6	iAMT	vPro	GΡ	Win8 Pro64	10/12
2349-JPG	i5-3320M	4GBx1	14.0" HD+	180G SSD	None	Intel 6205	WWAN upg	None	Finger	6	iAMT	vPro	GΡ	Win8 Pro64	10/12
2349-JNG	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	WWAN upg	None	Finger	6	iAMT	vPro	GΡ	Win8 Pro64	10/12
2349-JMG	i5-3320M	4GBx1	14.0" HD	320G 7200	None	Intel 6205	WWAN upg	None	Finger	6	iAMT	vPro	GΡ	Win8 Pro64	10/12
2349-JJG	i5-3210M	4GBx1	14.0" HD	500G 7200	Backlit	Intel 6205	WWAN upg	None	Finger	6	None	No		Win8 Pro64	10/12
2349-JHG	i5-3210M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	Ericsson	Lenovo	Finger	6	None	No		Win8 Pro64	10/12

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

DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology Intel Core Is-3220M processor (2 cores, 2 GoUHz, 3MB carel), Intel HD draphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.306Hz), HT technology downgrade rights in windows 8 Pro 64-bit DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.306Hz), HT technology downgrade rights in windows 8 Pro 64-bit DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology downgrade rights in windows 8 Pro 64-bit DR3 memory controller (up to 1600MHz), Intel Burbo Boost 2.0 (3.606Hz), HT technology Boost 2.0 (3			
Memory 166B max7 / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SQ-DIMM sockets Optical Opt		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 Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB 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
SATA disk SATA disk SATA w SSD Mone SATA w SSD Widescreen display Some: 14.0" (355mm) HD (1366x768) c.polor, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio 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 DP cable); 202x1200@60Hz (single-link DVI-I via optional Mini DP cable); 20	Memory	dual-channel capable, two 204-pin SO-DIMM sockets	listed) - Windows 7 models
Wideprit of Case material Battery - type Battery -	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	 ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap
display 200 nits, 16:9 aspect ratio, 300:1 contrast ratio Some: 14.0" (355min) HD+ (1600/990) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports external analog monitor via VGA DB-15 and digital monitor via Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 1920x1200w1200w1200w1200w1200w1200w1200w12	-		
supports external analog mónitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Keyboard TrackPoint*® 1920x1200@60Hz (single-link DVI-1 via optional Mini DP cable); 2048x1536@675Hz (VGA) Forus Milliuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates the keyboard to improve visibility in low-light conditions Illuminates t	display	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	Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo
TrackPoint® TrackPoint® TrackPoint® pointing device, "Press-to-Select." Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-fouch Illuminates the keyboard to improve visibility in low-light conditions (Pub. Report Carbon-Fiber PowerProducer (DVD±RW) 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 ib (2.17kg). 9-cell. from 5.13 ib (2.33kg) Display cover: Carbon-Fiber Peinforced Plastic Battery - life¹ Battery - life¹ Battery - life¹ Battery - life¹ Sorium on 6-cell of 9-cell, supports optional Slice battery as 2nd battery, HW Authentication 6-cell (57Whr): up to 9-r hr, 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr, 0436304): up to 32.5 hr Chipset ExpressCard Smart Card read Multicard reader Ports Two USB 3.0, two USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) PCIe Mini Card PCIe WLAN¹ Two PCI Express Mini Card slots Some: Wireless WAN upgradable Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson¹ H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS SIM card Modem None IEEE 1394 SUlto Card None None INTERIOR NONE Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None None IEEE 1394 None None None Intel Active 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 Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AutherTee fingerprint reader on palm rest, swipe sensor, LED indicator,	Graphics	supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable);	Lenovo SupportLenovo CompanionLenovo QuickLaunchAccuWeather
Weight [®] Case material Display cover: Carbon-fiber / Glass-fiber hybrid; Battery - type Battery - life¹⁰ Cocil (57Wn); 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 Chipset ExpressCard Smart Card read Multicard reader Ports Ports Two PCI Express Mini Card Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GRPS/WCDMA/HSPA/+ GPS Sill card Modem Bluetooth¹™ Bluetooth³M Bluetooth¹M Bluetooth¹M Card Some: Intel Active Management Technology (iAMT) Audio support Audio support Frusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Security Fringerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	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
Smart Card read Multicard reader Ports PCIE Mini Card PCIE Express Mini Card slots PCIE WLAN⁴ PCIE WWAN Some: Wireless WAN upgradable Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required Modem None Bluetooth™ Bluetooth 4.0 wireless Ethernet Intel AMT Some: Intel Active 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 Power-on password, hard disk password, supervisor password, security keyhole Feating Bluetootn, Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet (RJ-45) Norton™ Internet Security (30 days of virus definitions) Sudays of virus definitions) Sudays of virus definitions) Sudays of virus definitions Suports ThinkVantage® technologies (30 days of virus definitions) Sudays of virus definitions	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 PCIe WWAN PCIe WWAN PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS SIM card Modem None IEEE 1394 Bluetooth™ Bluetooth™ Bluetooth™ Bluetooth™ Bluetooth 4.0 wireless Intel AMT Audio support Audio support Security Security Power-on password, hard disk password, supervisor password, security keyhole Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable Some: Wireless WAN upgradable Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None None None None None None None None	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 Norton™ Internet Security
SIM card Modem None IEEE 1394 None Bluetooth™ Bluetooth 4.0 wireless Ethernet Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 Intel AMT Audio support Security Security Security Security Security Security Fingerprint reader AuthenTec fingerprint reader Auth	PCIe WLAN⁴	11a/b/g/n, PCle Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCle Half Mini Card,	
Ethernet Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 Intel AMT Audio support Audio support Nouline up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security Security Chip Fingerprint reader Nouline up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack Security Chip Fingerprint reader Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPAT™ Gold rating ENERGY STAR® 5.0-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified	Modem IEEE 1394	Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None None	
Intel AMT Audio support Audio support 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 youer-on password, hard disk password, supervisor password, security keyhole Security Chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified			Supports ThinkVantage® technologies
Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, EPEĂT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified	Intel AMT Audio support	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	65-watt AC adapter ThinkPad Roll Cage (one-piece
Power On Authentication, supports the security chip RoHS-compliant	Security chip	Trusted Platform Module, TCG 1.2-compliant	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Limited warranty ¹² 3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available One for the total formula described by the formula des	Limited warranty ¹²	² 3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support

ThinkPad T430 2349 (Onsite) - Windows 8 - II

Type-model Proces	esor Memory	Wide- screen display	Disk SATA GB [®] rpm	Backlit key- board	PCIe PC Mini Card WLAN	Cle Mini Ca WWAN/ mSATA	rd SIM card	Card		t tery	Intel	Intel vPro	Preload (Ann Date
2349-PHG i5-332			500G 7200		Intel 6205 ²⁸		None						Win7 Pro	mm/yy)
2349-PGG i5-332			500G 7200 500G 7200		Intel 6205	upg	None		ıart Fi ıart Fi				Win8 Pro	
2349-N8G i5-323			500G 7200		Intel 6205	upg	None	No				ne No	Win8 Pro	
2349-N7G i5-323			500G 7200		Intel 6205	upg	None	No		nger		ne No	Win7 Pro	
2349-N6G i5-323	0M 4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6205	Ericsson	selectab	le No	ne Fi	nger	6 Nor	ne No	Win8 Pro	64 03/1
2349-N5G i5-323					Intel 6205	Ericsson	selectab			nger		ne No	Win7 Pro	
2349-Q4G i5-332			500G 7200		Intel 6205	upg	None		art N				Win8 Pro	
2349-Q3G i5-332			500G 7200		Intel 6205	upg	None		art N				Win7 Pro	
2349-Q2G i5-323			500G 7200		Intel 6205	upg	None	No		one		ne No	Win 7 Pro	
2349-PZG i5-323			500G 7200		Intel 6205	upg	None	No No		one		ne No	Win7 Pro	
2349-PYG i5-323 2349-PXG i5-323					Intel 6205 Intel 6205		selectab selectab			one one		ne No ne No	Win8 Pro	
			256G SSD OPAL				selectab			one		ne No	Win8 Pro	
			256G SSD OPAL				selectab			one		ne No	Win7 Pro	
Positioning Processor Memory Optical Ultrabay SATA disk	Intel® Core DDR3 mem Intel Core is DDR3 mem 16GB max ⁷ dual-channe * System au DVD burner One bay for Some: Solic Some: Hard	ory controlled 5-3230M proory controlled PC3-1280 proory controlled PC3-12	two spindles processor (2 corer (up to 1600MHz ocessor (2 cores, er (up to 1600MHz 0 1600MHz DDR3 wo 204-pin SO-DII clocks down for pr Iltrabay Enhanced, devices, Ultrabay Se (SSD) / SATA 6.0), Intel 7, 2.60GH, 2.60GH, Intel 7, non-pa MM sociocessor remova Slim-cor 0Gb/s, 2	urbo Boost 2 Iz, 3MB cac urbo Boost 2 arity, kets s with 1333N ble npatible, 12 patible, 7m p, 7mm high,	2.0 (3.20G he), Intel 2.0 (3.30G MHz DDR 7mm high m high Active Pro	Hz), HT t HD Grap Hz), HT t memory , bottom a otection S	echnole dechnole dechnole dechnole dechnole decession with the control decession deces decession deces dec	ogy 000, ogy oller	- So Prel listed - Wi • Le • Tr	ome: Wi pre do Wi ome: Wi oaded a d) indows enovo® N	ndows® einstalled wngrade ndows 8 ndows 8 upplicat 7 mode dessage age Pro	Center Pluduct Recov	some
mSATA™ SSD		ovable, upg	radable, supports	the seco	ond disk, Sho	ock Mount	ed Hard [Orive		• Tr	ninkVant	age Pov	ver Manage	er
	None	NI (055)	IID (4000-700) -		Colone LED	la a al d'ada A					novo Si)	
Widescreen display	Some: 200 250	nits, 16:9 á)" (355mm) nits, 16:9 a	HD (1366x768) co spect ratio, 300:1 of HD+ (1600x900) of spect ratio, 300:1 of	contrast color, a contrast	ratio nti-glare, LEI ratio	D backligh	ıt,			• W	orel® Wir	Live™ E: nDVD® (ssentials DVD±RW) Lenovo Ec	lition
Camera	HD720p res	olution, wid	e view angle, low l	ight sen	sitive, face tr	acking, fix	ced focus				VD±RW		actory® Le	
Graphics Keyboard	supports ex supports du <i>Maximum e.</i> 1920x1200 6-row. 84-ke	ternal analo al independ xternal reso @60Hz (sing ev. ThinkVar	olution: 2560x1600 gle-link DVI-I via op ntage button, spill-r	@60Hz otional N esistant	(DisplayPor Ini DP cable multimedia	t via optio e); 2048x1 Fn kevs.	nal Mini D 536@75l optional L	P cab Hz (VG .ED ba	le); iA)	- Wi • Le • Le	dition (D' indows enovo Su enovo Co enovo Qu	VD±RW 8 mode upport ompanic uickLaur) els en	
TrackPoint® Touchpad ThinkLight™	UltraNav™,	wide touchp	vice, "Press-to-Sele bad below keyboar d to improve visibil	d, Tap Z	ones, scrollir	ng, multi-t	nifying gla ouch	ass	-	• P(ccuWeat C Device berlink berlink	Stage Power20	Go (DVD±F	RW)
Dimensions ³ Weight ² Case material	6-cell: from	4.77 [°] lb (2.11 er: Carbo	' x 9.13" x 1.17–1. ⁻ 7kg); <i>9-cell:</i> from n-fiber / Glass-fibe n-Fiber Reinforced	5.13 lb r hybrid	(2.33kg)	0mm x 29).8–29.9m	ım		(D	VD±RW I model enovo Sc	') s		
Battery - type Battery - life ¹⁰	6-cell (57W)	<i>hr):</i> up to 9.7	ell, supports option 7 hr; <i>9-cell (94</i> <i>pattery (94Whr, 0A</i>	Whr): up	to 16.2 hr;		y, HW Aut	thentic	ation	• Th	ngerprin	age Svs	er stem Updat are (fingerp	e rint
Chipset ExpressCard Smart Card read Multicard reader Ports	One slot (Ex Some: Sma 4-in-1 reade	kpressCard/ art Card rea er (MMC, SE), VGA [DB-15, Mini Ω	DisplayPor	t, etherne	et (RJ-4	45)	• Le by • Mi	ırchase	Sync Office p a produc	rage oreloaded; ct key to ac Security	tivate
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Some: Wire	Cle Half Mi eless WAN u eless WAN,	ni Card, Intel Centi	w Mobil		-	PCIe Half	Mini C	ard,				definitions)	
SIM card Modem IEEE 1394	Some: Use None None	r selectable	, contract required		rvice provide	r								
Bluetooth™ Ethernet	Bluetooth 4. Intel 82579L		Network Connectio	n (Lewi	sville). PHY	PCle x1				Sup	oorts Th	inkVanta	age® techno	ologies
Intel AMT	Some: Intel HD Audio, F volume up, o	I Active Mar Realtek® AL0 down, mute	nagement Technolo C3202 codec, Dolb buttons / dual arra ard disk password,	ogỳ (iAM oy® Adva ıy mic, n	IT) anced Audio [⊤] nic mute butt	[™] v2 / ster	o audio/m			Thin	/att AC a kPad Ro agnesiu AT™ Go	oll Ċage m frame	(one-piece	
Security chip Fingerprint reader	Trusted Plat Some: Autl Pow	form Modul henTec fing ver On Auth	e, TCG 1.2-compli erprint reader on p entication, support	ant alm res s the se	t, swipe sens curity chip	or, LED ir	ndicator,			GRE RoH	RGY ST ENGUA S-comp	TAR® 5.0 NRD® ce liant)-compliant rtified	
Limited warranty ¹²	public and n	ational holi	limited onsite ser days. Calls receive of service upgrade	d after 3	3 pm will requ	Mon - Fri uire an ad	coverage dtional ne	e exclu ext bus	ding iness	24 h	our x 7 (day18 toll	ty Service ¹ I-free suppe ty period ¹²	ort

ThinkPad T430 2349 (Optimus) - Onsite

			Wide- screen	Disk SATA	Backlit kev-	PCle Mini Card			Smart Card			Global (G) Intel GMP			Ann Date
Type-model	Processor	Memory		GB ⁸ rpm	board	WLAN	mSATA	SIM card	Reader			vPro		Preload	
2349-H2G	i7-3520M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205 ²⁸	Ericsson	selectable	None	9	iAMT	vPro		Pro 64	06/12
2349-G9G	i7-3520M	4GBx1	14.0" HD+	180G SSD	None	Intel 6205	WWAN upg	None	None	9	iAMT	vPro	GΡ	Pro 64	06/12
2349-G7G	i7-3520M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	WWAN upg	None	None	9	iAMT	vPro	GΡ	Pro 64	06/12
2349-G6G	i5-3320M	4GBx1	14.0" HD+	500G 7200	None	Intel 6205	WWAN upg	None	None	9	iAMT	vPro	GΡ	Pro 64	06/12
2349-G4G	i5-3320M	4GBx1	14.0" HD+	320G 7200	None	Intel 6205	WWAN upg	None	None	9	iAMT	vPro	GΡ	Pro 64	06/12
2349-KMG	i7-3520M	4GBx2	14.0" HD+	500G 7200	None	Intel 6300 ²⁸	WWAN upg	None	Smart	6	iAMT	vPro		Pro 64	10/12
2349-LPG	i5-2520M	4GBx1	14.0" HD+	180G SSD	Backlit	Intel 6300	Ericsson	selectable	Smart	9	None	No		Pro 64	10/12
2349-LNG	i5-2520M	4GBx1	14.0" HD+	128G SSD	None	Intel 6205	WWAN upg	None	None	9	None	No		Pro 64	10/12
2349-LMG	i5-2520M	4GBx1	14.0" HD+	500G 7200	Backlit	Intel 6205	Ericsson	selectable	Smart	9	None	No		Pro 64	10/12

• 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™ i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology	Preloaded operating system ²⁰ 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 applications ¹⁴ (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) 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
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 or 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)	 Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Evernote® Intel Small Business Advantage
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	RapidBoot HDD Accelerator Symantec™ VIP Windows Live™ Essentials Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition
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): up to 31.6 hr	(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) Some: Smart Card reader 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 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Ultimate-N 6300, 3x3 Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS	
SIM card Modem IEEE 1394	Some: User selectable, contract required with service provider None None	
Bluetooth™ Ethernet	Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1	Supports ThinkVantage® technologies
Intel AMT Audio support Security Security chip	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 AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	90-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant
Limited warranty ¹²	3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

ThinkPad T430 2349 (Optimus) - Onsite (Windows 8)

		Discrete Disk graphics SATA	Backlit key-	PCIe PC	Cle Mini Ca WWAN/	rd	Smart Card	Finger print	Bat- tery	Intel	Intel		Ann Date
2349-KAG i7-352 2349-JGG i5-321 2349-JFG i7-352 2349-N4G i5-323 2349-PWG i5-323		memory GB° rpm 0+ 1GB 500G 7200 0+ 1GB 500G 7200 0+ 1GB 500G 7200 0+ 1GB 500G 7200 0+ 2GB 500G 7200 0+ 2GB 500G 7200 0+ 2GB 500G 7200 0+ 2GB 500G 7200	board Discolor line Discolor	ntel 6205 ntel 6205 ntel 6205 ntel 6205 ntel 6205 ntel 6205	mSATA Ericsson Ericsson Ericsson Ericsson Ericsson Ericsson Ericsson	selectable Lenovo selectable selectable selectable selectable	Smart None Smart None Smart Smart Smart Smart	Finger Finger Finger Finger Finger Finger None	cells 6 9 6 9 6 6 6 6 6	None AMT None AMT None	No vPro No vPro No No No	Preload Win7 Pro64 Win7 Pro64 Win8 Pro64 Win8 Pro64 Win8 Pro64 Win7 Pro64 Win8 Pro64 Win7 Pro64	10/12 10/12 10/12 10/12 10/12 03/13 03/13
Positioning Processor	Premiere performand Intel® Core™ i5-3210 DDR3 memory contr Intel Core i5-3230M DDR3 memory contr Intel Core i7-3520M DDR3 memory contr	ce; two spindles OM processor (2 croller (up to 1600Mh processor (2 core roller (up to 1600Mh processor (2 core	ores, 2.500 Hz), Intel Tues, 2.60GH Hz), Intel Tues, 2.90GH	GHz, 3MB urbo Boost z, 3MB cau urbo Boost z, 4MB cau	cache), Ir 2.0 (3.100 che), Intel 2.0 (3.200 che), Intel	ntel HD Gra GHz), HT te HD Graph GHz), HT te HD Graph	phics 4 chnolog ics 400 chnolog ics 400	1000, F 1000, - 1000, - 100, -	Preloa Some	ded o e: Wir pre dov Wir e: Wir	peratindows install wngrad ndows	ing system ⁶ 7 Professi ed through de rights in 8 Pro 64-bi 8 Pro 64-bi	onal 64 t
Memory Optical Ultrabay	16GB max ⁷ / PC3-12 dual-channel capable * System automatica DVD burner, 12.7mm One bay for removab	e, two 204-pin SO-lally clocks down for The Ultrabay Enhance Die devices, Ultraba	DIMM sock processors d, removab y Slim-com	ets with 1333 ble patible, 12	.7mm high			er -	sted) Wind Lend	lows vo® M «Vanta	7 moc lessag age Pr	je Center Pl oduct Reco	us
MSATA™ SSD Widescreen display	None Some: 14.0" (355m	rive / SATA 3.0Gb/s ipgradable, support m) HD (1366x768) 9 aspect ratio, 300:	, 2.5" wide, s the secon color, anti-1 contrast r	7mm high nd disk, Sh -glare, LED atio	, Active Priock Moun Discoult backlight	ted Hard Ď		-	Think Lend Adob Wind Core Core	kVanta vo Sir e® Re lows I l® Wir	age PompleTa eader® _ive™ nDVD® n.Now	ower Manag ap	
Camera		9 aspect ratio, 300:	í contrast r	atio				•	Core	I DVD		eFactory® Le	enovo
Graphics	NVIDIA® Optimus™ t Intel HD Graphics 4 NVIDIA NVS™ 5400I supports external an supports three indep Maximum external re 1920x1200@60Hz (s	M, PCI Expressor, a M, PCI Express® x1 alog monitor via VO pendent displays; esolution: 2560x16	ind 6, 1GB or 3 3A DB-15 a 00@60Hz (2GB memond digital r	ory, monitor via rt via optic	a Mini Displa	ayPort;	;		vo Su vo Co vo Qu Weat Device erlink	ipport ompan iickLa her Stage Power	ion unch e 2Go (DVD±I	RW)
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, 84-key, Think\ TrackPoint® pointing o UltraNav™, wide toud Illuminates the keybo	device, "Press-to-S chpad below keybo	elect," Inter ard, Tap Zo	rnet Scroll nes, scroll	Bar ¹³ , maq ing, multi-	gnifying glas		g	(ĎVE All m	±RW odels) S	Producer Center	
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13 6-cell: from 4.77 lb (2 Display cover: Car Bottom: Car Lithium Ion 6-cell or 0 6-cell (57Whr): up to 9-cell plus 9-cell Slice	2.17kg); 9-cell: from the second seco	om 5.13 lb (per hybrid; ed Plastic ional Slice 94Whr): up	(2.33kg) battery as to 15.8 hr;	2nd batte			on •	Finge mode Lend by S	kVanta erprin els) vo Cla ugarS	age Sy t Softv oud St ync	ger vstem Updat vare (fingerp orage preloaded;	orint
Chipset ExpressCard Smart Card read Multicard reader Ports	Mobile Intel QM77 E One slot (Express Ca Some: Smart Card of 4-in-1 reader (MMC, Two USB 3.0, two US	Express Chipset ard/34) reader SD, SDHC, SDXC)			DisplayPo	rt, ethernet	(RJ-45)	•	purcl Norte	nase a on™ Ir	a prod nterne	uct key to act Security definitions)	ctivate
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Min 11a/b/g/n, PCIe Half Wireless WAN, Erics GPRS/WCDMA/HSF Some: Lenovo SIM, Some: User selecta	Mini Card, Intel Ce son® H5321gw Mot PA/HSPA+, GPS out-of-box service,	pay-as-yo	and Modul u-go via cr	e, PCIe Ha edit card, l			d					
Modem IEEE 1394 Bluetooth™	None None Bluetooth 4.0 wireles	SS		·				0	Suppor	te Thi	nk\/an	tage® techn	ologies
Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	Intel 82579LM Gigab Some: Intel Active N HD Audio, Realtek® Avolume up, down, mu Power-on password, Trusted Platform Mod Some: AuthenTec fi Power On Au	Management Technor ALC3202 codec, Doute buttons / dual a hard disk password dule, TCG 1.2-com	ology (iAMolby Advar ray mic, mid, superviso oliant palm rest,	T) nced Audio ic mute bui or passwor swipe sen	v2 / ste tton, comb d, security	o audio/mio keyhole	rs, 1W x c jack	2/ T	0-wati hinkP magi PEAT NER(t AC a ad Ro nesiur ™ Go SY ST	idapte oll Cag n fram Id ratir AR® 5	r e (one-piece ie)	9
Limited warranty ¹²	3-years /1-year batte public and national h day for service dispa	ry, limited onsite s nolidays. Calls recei	service ²⁴ , 8 ved after 3	am - 5 pm pm will red	n, Mon - Fr quire an ac	i coverage Idtional nex	excludin t busine	ng Ir	nterna 4 hou	tional r x 7 c	Warra dav ¹⁸ to	inty Service oll-free supp nty period ¹²	