



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)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ⁸ rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Finger print reader | Blue-tooth | Bat-tery cells | Intel AMT | Intel vPro | Preload (mm/yy) | Ann Date |
|------------|-----------|--------|---------------------|--------|-------------------------------|-------------------|--------------------------|---------------------------|---------------------|------------|----------------|-----------|------------|-----------------|----------|
| 2344-4TG | i5-3210M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Backlit | Intel 6205 ²⁸ | WWAN upg | 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 | <i>Premiere performance; two spindles</i> 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 system²⁰ 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™ • Password Manager | | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> 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™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | | |
| mSATA™ SSD | None | | | | | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | | | | | | | | | | | | | |
| Keyboard TrackPoint® | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight | | | | | | | | | | | | | | |
| Touchpad UltraNav™ | TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass | | | | | | | | | | | | | | |
| ThinkLight™ | UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | | | | | |
| Dimensions ³ | 14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm | | | | | | | | | | | | | | |
| Weight ² | 6-cell: from 4.77 lb (2.17kg); 9-cell: from 5.13 lb (2.33kg) | | | | | | | | | | | | | | |
| Case material | <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | | | | | | | | | | | | |
| Battery - type | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication | | | | | | | | | | | | | | |
| Battery - life ¹⁰ | 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 | | | | | | | | | | | | | | |
| 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) | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | |
| PCIe WLAN ⁴ | 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 | | | | | | | | | | | | | | |
| PCIe WWAN | Wireless WAN upgradable | | | | | | | | | | | | | | |
| SIM card | None | | | | | | | | | | | | | | |
| Modem | None | | | | | | | | | | | | | | |
| IEEE 1394 | None | | | | | | | | | | | | | | |
| Bluetooth™ | Bluetooth 4.0 wireless | | | | | | | | | | | | | | |
| Ethernet | Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 | | | | | | | | | | | | | | |
| Intel AMT | None | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | |
| Security chip | Trusted Platform Module, TCG 1.2-compliant | | | | | | | | | | | | | | |
| Fingerprint reader | AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades²² available | | | | | | | | | | | | | | |

See footnotes for more detailed information

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(G-NZ4-1) June 2012

ThinkPad T430 2344 (TopSeller) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Smart Card Reader | Finger-print reader | Bat-tery cells | Intel AMT | Intel vPro | 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 Pro64 | 10/12 |
| 2344-BSG | i5-3210M | 4GBx2 | 14.0" HD | 720p | 500G 7200 | None | Intel 2200 | WWAN upg | Smart | Finger | 6 | None | No | Win7 Pro64 | 10/12 |
| 2344-BJG | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | None | Intel 6205 | WWAN upg | None | Finger | 6 | iAMT | vPro | 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 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 system²⁰ - Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Preloaded applications⁵ (only some listed) - Windows 7 models <ul style="list-style-type: none"> • 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 (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • AccuWeather • PC Device Stage • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none"> • Lenovo Solution Center • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) | | | | |
| 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 | | | | | | | | | | | | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | | | | | | | | | | | | | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | |
| 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 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr): up to 32.5 hr | | | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard reader Ports | Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) <i>Some:</i> 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 | Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 | | | | | | | | | | | | | | |
| PCIe WWAN SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 <i>Some:</i> 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 | | | | | | | | | | | | | | |
| Security Security chip Fingerprint reader | AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades²² available | | | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad T430 2344 (Optimus) - TopSeller

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ^a rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | SIM card | Finger print reader | Battery cells | Intel vPro | Preload (mm/yy) | Ann Date |
|------------|-----------|--------|---------------------|--------|-------------------------------|-------------------|---------------------|---------------------------|----------|---------------------|---------------|------------|-----------------|----------|
| 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 Ready to install applications ¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager Preloaded applications ¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) |
| 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 | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | |
| mSATA™ SSD | None | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | |
| 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; <i>Maximum external resolution:</i> 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™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | |
| 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 <i>6-cell:</i> from 4.77 lb (2.17kg); <i>9-cell:</i> from 5.13 lb (2.33kg) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | |
| Battery - type Battery - life ¹⁰ | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication <i>6-cell (57Whr):</i> up to 9.4 hr; <i>9-cell (94Whr):</i> up to 15.8 hr; <i>9-cell plus 9-cell Slice battery (94Whr):</i> up to 31.6 hr | | | |
| 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 | | | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None None 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 | | | |
| Security Security chip Fingerprint reader | 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 | | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | |

| | | | | 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 |

See footnotes for more detailed information

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

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Disk SATA GB ^a rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | Smart Card Reader | Finger print reader | Battery cells | Intel AMT | 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 Preloaded applications ⁵ (only some listed) - Windows 7 models <ul style="list-style-type: none">• 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 (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models <ul style="list-style-type: none">• Lenovo Support• Lenovo Companion• Lenovo QuickLaunch• AccuWeather• PC Device Stage• Cyberlink Power2Go (DVD±RW)• Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none">• Lenovo Solution Center• Password Manager• ThinkVantage System Update• Fingerprint Software (fingerprint models)• Lenovo Cloud Storage by SugarSync• Microsoft® Office preloaded; purchase a product key to activate• Norton™ Internet Security (30 days of virus definitions) |
| 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 | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | |
| mSATA™ SSD | None | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | |
| 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; <i>Maximum external resolution:</i> 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™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | |
| 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 | | |
| 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) 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 | Two PCI Express Mini Card slots <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2 | | |
| PCIe WWAN SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | Wireless WAN upgradable None None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 <i>Some:</i> 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 | | |
| Security Security chip Fingerprint reader | Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | |

| |
|---|
| 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² |

See footnotes for more detailed information

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| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ^a rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Finger print reader | Battery cells | Intel AMT | Intel vPro | Global (G) GMP (P) Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|-------------------|--------------------------|---------------------------|---------------------|---------------|-----------|------------|----------------------------|------------------|
| 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 | <i>Premiere performance; two spindles</i> 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 system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (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 applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | | | | | | | | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | |
| 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 | | | | | | | | | |
| 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 9.7 hr; 9-cell (94Whr): up to 16.2 hr; 9-cell plus 9-cell Slice battery (94Whr): up to 32.5 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 PCIe WLAN ⁴ PCIe WWAN SIM card 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 <i>Some:</i> 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 | | | | | | | | | |
| Security Security chip Fingerprint reader | AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | | | | | | | |

See footnotes for more detailed information

ThinkPad T430 2347 (Windows 8)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ^o rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | Finger print reader | Blue-tooth cells | Bat-tery | Global (G) Intel vPro | GMP (P) | Preload | 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 | <i>Premiere performance; two spindles</i> 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 Preloaded applications ⁵ (only some listed) - Windows 7 models <ul style="list-style-type: none">• 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 (DVD±RW)• Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models <ul style="list-style-type: none">• Lenovo Support• Lenovo Companion• Lenovo QuickLaunch• AccuWeather• PC Device Stage• Cyberlink Power2Go (DVD±RW)• Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none">• Lenovo Solution Center• Password Manager• ThinkVantage System Update• Fingerprint Software (fingerprint models)• Lenovo Cloud Storage by SugarSync• Microsoft® Office preloaded; purchase a product key to activate• Norton™ Internet Security (30 days of virus definitions) |
| 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 | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | |
| mSATA™ SSD | None | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | |
| 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) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | |
| 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 9.7 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 | 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 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 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 | | |
| Security Security chip Fingerprint reader | AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | |

| 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 Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹² | | |

See footnotes for more detailed information

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ThinkPad T430 2347 (Optimus)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Disk SATA GB ⁵ rpm | Backlit key-board | PCle Mini Card WLAN | PCle Mini Card WWAN/ mSATA | SIM card | Smart Card Reader | Finger-print reader | Bat-tery cells | Intel AMT | Global (G) Intel GMP vPro (P) Preload (mm/yy) | Ann Date |
|------------|-----------|--------|---------------------|-------------------------------|-------------------|--------------------------|----------------------------|----------|-------------------|---------------------|----------------|-----------|---|--------------|
| 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 | <i>Premiere performance; two spindles</i> 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 system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (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 applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 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™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | |
| 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 | | | | | | | | | | |
| 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) <i>Some:</i> 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) | | | | | | | | | | |
| PCle Mini Card PCle WLAN ⁴ | Two PCI Express Mini Card slots <i>Some:</i> 11a/b/g/n, PCle Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 <i>Some:</i> 11a/b/g/n, PCle Half Mini Card, Intel Centrino Ultimate-N 6300, 3x3 | | | | | | | | | | |
| PCle WWAN | <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCle Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS | | | | | | | | | | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | <i>Some:</i> User selectable, contract required with service provider None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 <i>Some:</i> 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 |
| Security Security chip Fingerprint reader | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | | | | | | | | |

See footnotes for more detailed information

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ⁵ rpm | Backlit key-board | PCle Mini Card WLAN | PCle Mini Card WWAN/mSATA | Smart Card Reader | Finger print reader | Bat-tery cells | Intel AMT | Global (G) Intel vPro | Intel GMP (P) | Pre-load | Ann Date (mm/yy) |
|---|---|--------|---------------------|--------|-------------------------------|-------------------|--------------------------|---------------------------|-------------------|---------------------|--|-----------|-----------------------|---------------|----------|------------------|
| 2349-HFG | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | None | Intel 6205 ²⁸ | upg | None | Smart | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-H3G | i5-3210M | 4GBx1 | 14.0" HD+ | 720p | 180G SSD | Backlit | Intel 6205 | Ericsson | Lenovo | None | Fing | 6 | None | No | Pro 64 | 06/12 |
| 2349-GZG | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | None | Intel 6205 | Ericsson | selectable | Smart | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-GAG | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 180G SSD | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-GDG | i5-3320M | 4GBx1 | 14.0" HD | 720p | 128G SSD | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-G8G | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 128G SSD | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-G5G | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-GCG | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-G3G | i7-3520M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-G2G | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | iAMT vPro | G P | Pro 64 | 06/12 |
| 2349-HNG | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | None | Intel 6205 | upg | None | None | No | 6 | iAMT vPro | G P | Pro 64 | 07/12 |
| 2349-LLG | i5-2520M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | None | No | Pro 64 | 10/12 |
| 2349-LQG | i5-2520M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | None | Intel 6205 | upg | None | None | Fing | 6 | None | No | Pro 64 | 10/12 |
| Positioning Processor | <i>Premiere performance; two spindles</i> 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 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 system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | | | |
| 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 | | | | | | | | | | | | | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | | | | | | | | | | | | | | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | | | | | | |
| Dimensions ³ Weight ² | 14.0W" (WxDxH): 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm <i>6-cell:</i> from 4.77 lb (2.17kg); <i>9-cell:</i> from 5.13 lb (2.33kg) | | | | | | | | | | | | | | | |
| Case material | <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | | | | | | | | | | | | | |
| Battery - type | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication | | | | | | | | | | | | | | | |
| Battery - life ¹⁰ | <i>6-cell (57Whr):</i> up to 9.7 hr; <i>9-cell (94Whr):</i> up to 16.2 hr; <i>9-cell plus 9-cell Slice battery (94Whr):</i> up to 32.5 hr | | | | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard reader Ports | Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) <i>Some:</i> 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) | | | | | | | | | | | | | | | |
| PCle Mini Card PCle WLAN ⁴ PCle WWAN | Two PCI Express Mini Card slots 11a/b/g/n, PCle Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCle Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS | | | | | | | | | | | | | | | |
| SIM card | <i>Some:</i> Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required <i>Some:</i> User selectable, contract required with service provider | | | | | | | | | | | | | | | |
| Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 <i>Some:</i> 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 | | | | | | | | | | | | | | | |
| Security Security chip Fingerprint reader | Trusted Platform Module, TCG 1.2-compliant <i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴, 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 | | | | | | | | | | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² | | | | | |

ThinkPad T430 2349 (Onsite) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Disk SATA GB ³ rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | SIM card | Finger print reader | Battery cells | Intel AMT | Intel vPro | Global (G) GMP (P) | Preload | Ann Date (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 | G P | Win8 Pro64 | 10/12 |
| 2349-JPG | i5-3320M | 4GBx1 | 14.0" HD+ | 180G SSD | None | Intel 6205 | WWAN upg | None | Finger | 6 | iAMT | vPro | G P | Win8 Pro64 | 10/12 |
| 2349-JNG | i5-3320M | 4GBx1 | 14.0" HD+ | 500G 7200 | None | Intel 6205 | WWAN upg | None | Finger | 6 | iAMT | vPro | G P | Win8 Pro64 | 10/12 |
| 2349-JMG | i5-3320M | 4GBx1 | 14.0" HD | 320G 7200 | None | Intel 6205 | WWAN upg | None | Finger | 6 | iAMT | vPro | G P | 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

| | | |
|--|---|---|
| Positioning Processor | <i>Premiere performance; two spindles</i> 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 system²⁰ - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 Pro 64-bit Preloaded applications⁵ (only some listed) - 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 (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • AccuWeather • PC Device Stage • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) - All models • Lenovo Solution Center • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) |
| 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 | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | |
| mSATA™ SSD | None | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | |
| 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 <i>6-cell:</i> from 4.77 lb (2.17kg); <i>9-cell:</i> from 5.13 lb (2.33kg) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | |
| Battery - type Battery - life ¹⁰ | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication <i>6-cell (57Whr):</i> up to 9.7 hr; <i>9-cell (94Whr):</i> up to 16.2 hr; <i>9-cell plus 9-cell Slice battery (94Whr, 0A36304):</i> up to 32.5 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 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 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | <i>Some:</i> Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 <i>Some:</i> 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 | |
| Security Security chip Fingerprint reader | Trusted Platform Module, TCG 1.2-compliant AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴, 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 | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² |

See footnotes for more detailed information

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ThinkPad T430 2349 (Onsite) - Windows 8 - II

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Disk SATA GB ⁹ rpm | Backlit key-board | PCle Mini Card WLAN | PCle Mini Card WWAN/ mSATA | SIM card | Smart Card Reader | Finger print reader | Bat-tery cells | Intel AMT | Intel vPro | Preload | Ann Date (mm/yy) |
|--|---|--------|---------------------|-------------------------------|-------------------|--------------------------|----------------------------|----------|-------------------|---------------------|---|-----------|------------|------------|------------------|
| 2349-PHG | i5-3320M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 ²⁸ | upg | None | Smart | Finger | 6 | iAMT | vPro | Win7 Pro64 | 03/13 |
| 2349-PGG | i5-3320M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | Smart | Finger | 6 | iAMT | vPro | Win8 Pro64 | 03/13 |
| 2349-N8G | i5-3230M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | None | Finger | 6 | None | No | Win8 Pro64 | 03/13 |
| 2349-N7G | i5-3230M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | None | Finger | 6 | None | No | Win7 Pro64 | 03/13 |
| 2349-N6G | i5-3230M | 4GBx1 | 14.0" HD+ | 180G SSD | Backlit | Intel 6205 | Ericsson selectable | None | None | Finger | 6 | None | No | Win8 Pro64 | 03/13 |
| 2349-N5G | i5-3230M | 4GBx1 | 14.0" HD+ | 180G SSD | Backlit | Intel 6205 | Ericsson selectable | None | None | Finger | 6 | None | No | Win7 Pro64 | 03/13 |
| 2349-Q4G | i5-3320M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | Smart | None | 6 | iAMT | vPro | Win8 Pro64 | 06/13 |
| 2349-Q3G | i5-3320M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | Smart | None | 6 | iAMT | vPro | Win7 Pro64 | 06/13 |
| 2349-Q2G | i5-3230M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | None | None | 6 | None | No | Win8 Pro64 | 06/13 |
| 2349-PZG | i5-3230M | 4GBx1 | 14.0" HD | 500G 7200 | Backlit | Intel 6205 | upg | None | None | None | 6 | None | No | Win7 Pro64 | 06/13 |
| 2349-PYG | i5-3230M | 4GBx1 | 14.0" HD+ | 180G SSD | Backlit | Intel 6205 | Ericsson selectable | None | None | None | 6 | None | No | Win8 Pro64 | 06/13 |
| 2349-PXG | i5-3230M | 4GBx1 | 14.0" HD+ | 180G SSD | Backlit | Intel 6205 | Ericsson selectable | None | None | None | 6 | None | No | Win7 Pro64 | 06/13 |
| 2349-Q6G | i5-3230M | 4GBx1 | 14.0" HD+ | 256G SSD OPAL | Backlit | Intel 6205 | Ericsson selectable | None | None | None | 6 | None | No | Win8 Pro64 | 06/13 |
| 2349-Q5G | i5-3230M | 4GBx1 | 14.0" HD+ | 256G SSD OPAL | Backlit | Intel 6205 | Ericsson selectable | None | None | None | 6 | None | No | Win7 Pro64 | 06/13 |
| Positioning Processor | <i>Premiere performance; two spindles</i> 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 i5-320M 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 system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: 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 applications⁵ (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 <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> 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 • Lenovo SimpleTap • Adobe® Reader® • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | | |
| mSATA™ SSD | None | | | | | | | | | | - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • AccuWeather • PC Device Stage • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio | | | | | | | | | | - All models • Lenovo Solution Center • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | Supports ThinkVantage® technologies | | | | |
| 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; <i>Maximum external resolution:</i> 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA) | | | | | | | | | | 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant | | | | |
| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² | | | | |
| 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) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | | | | | | | | | | | | |
| 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 9.7 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 | Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) <i>Some:</i> 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) | | | | | | | | | | | | | | |
| PCle Mini Card PCle WLAN ⁴ PCle WWAN | Two PCI Express Mini Card slots 11a/b/g/n, PCle Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCle Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS | | | | | | | | | | | | | | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | <i>Some:</i> User selectable, contract required with service provider None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 <i>Some:</i> 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 | | | | | | | | | | | | | | |
| Security Security chip Fingerprint reader | Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant <i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴, 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 | | | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad T430 2349 (Optimus) - Onsite

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Disk SATA GB ⁵ rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | SIM card | Smart Card Reader | Battery cells | Intel AMT | Intel vPro | Global (G) GMP (P) | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|-------------------------------|-------------------|--------------------------|----------------------------|------------|-------------------|---------------|-----------|------------|--------------------|------------------|
| 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 | G P | 06/12 |
| 2349-G7G | i7-3520M | 4GBx1 | 14.0" HD+ | 500G 7200 | None | Intel 6205 | WWAN upg | None | None | 9 | iAMT | vPro | G P | 06/12 |
| 2349-G6G | i5-3320M | 4GBx1 | 14.0" HD+ | 500G 7200 | None | Intel 6205 | WWAN upg | None | None | 9 | iAMT | vPro | G P | 06/12 |
| 2349-G4G | i5-3320M | 4GBx1 | 14.0" HD+ | 320G 7200 | None | Intel 6205 | WWAN upg | None | None | 9 | iAMT | vPro | G P | 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 | <i>Premiere performance; two spindles</i> 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 system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager Preloaded applications¹⁴ (only some listed) • Lenovo® Solution Center • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • 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) • Adobe® Reader® • Skype™ for Windows • Evernote® • Intel Small Business Advantage • RapidBoot HDD Accelerator • Symantec™ VIP • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | | |
| 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 | | | | | | | | | | | | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) 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 | | | | | | | | | | | | | | |
| 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; <i>Maximum external resolution:</i> 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™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material | <i>14.0W" (WxDxH):</i> 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm <i>6-cell:</i> from 4.77 lb (2.17kg); <i>9-cell:</i> from 5.13 lb (2.33kg) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | | | | | | | | | | | | |
| Battery - type Battery - life ¹⁰ | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication <i>6-cell (57Whr):</i> up to 9.4 hr; <i>9-cell (94Whr):</i> up to 15.8 hr; <i>9-cell plus 9-cell Slice battery (94Whr):</i> up to 31.6 hr | | | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard reader Ports | Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) <i>Some:</i> 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 | Two PCI Express Mini Card slots <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Ultimate-N 6300, 3x3 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS | | | | | | | | | | | | | | |
| PCIe WWAN | <i>Some:</i> User selectable, contract required with service provider | | | | | | | | | | | | | | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 <i>Some:</i> 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 | | | | | | | | | | | | | | |
| Security Security chip Fingerprint reader | 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 | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴, 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 | | | | | | | | | | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² | | | | |

See footnotes for more detailed information

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

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Discrete graphics memory | Disk SATA GB ⁵ rpm | Backlit key-board | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | Smart Card Reader | Finger-print reader | Bat-tery cells | Intel AMT | Intel vPro | Preload | Ann Date (mm/yy) | |
|------------|-----------|--------|---------------------|--------------------------|-------------------------------|-------------------|--------------------------|----------------------------|-------------------|---------------------|----------------|-----------|------------|---------|------------------|-------|
| 2349-KBG | i5-3210M | 4GBx1 | 14.0" HD+ | 1GB | 500G 7200 | Backlit | Intel 6205 ²⁸ | Ericsson | Lenovo | Smart | Finger | 6 | None | No | Win7 Pro64 | 10/12 |
| 2349-KAG | i7-3520M | 4GBx1 | 14.0" HD+ | 1GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | None | Finger | 9 | iAMT | vPro | Win7 Pro64 | 10/12 |
| 2349-JGG | i5-3210M | 4GBx1 | 14.0" HD+ | 1GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | Lenovo | Smart | Finger | 6 | None | No | Win8 Pro64 | 10/12 |
| 2349-JFG | i7-3520M | 4GBx1 | 14.0" HD+ | 1GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | None | Finger | 9 | iAMT | vPro | Win8 Pro64 | 10/12 |
| 2349-N4G | i5-3230M | 4GBx1 | 14.0" HD+ | 2GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | Smart | Finger | 6 | None | No | Win8 Pro64 | 03/13 |
| 2349-N3G | i5-3230M | 4GBx1 | 14.0" HD+ | 2GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | Smart | Finger | 6 | None | No | Win7 Pro64 | 03/13 |
| 2349-PWG | i5-3230M | 4GBx1 | 14.0" HD+ | 2GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | Smart | None | 6 | None | No | Win8 Pro64 | 06/13 |
| 2349-PVG | i5-3230M | 4GBx1 | 14.0" HD+ | 2GB | 500G 7200 | Backlit | Intel 6205 | Ericsson | selectable | Smart | None | 6 | None | No | Win7 Pro64 | 06/13 |

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| Positioning Processor | <i>Premiere performance; two spindles</i> 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 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 system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: 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 applications⁵ (only some listed) - 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 (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • AccuWeather • PC Device Stage • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) - All models • Lenovo Solution Center • Password Manager • ThinkVantage System Update • Fingerprint Software (fingerprint models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) | | | | | |
| Optical Ultrabay SATA disk | DVD burner, 12.7mm Ultrabay Enhanced, removable 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 <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive | | | | | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio | | | | | | | | | | | | | | | |
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| 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 Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch Illuminates the keyboard to improve visibility in low-light conditions | | | | | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material | <i>14.0W" (WxDxH):</i> 13.4" x 9.13" x 1.17–1.18"; 340.5mm x 232.0mm x 29.8–29.9mm <i>6-cell:</i> from 4.77 lb (2.17kg); <i>9-cell:</i> from 5.13 lb (2.33kg) <i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Carbon-Fiber Reinforced Plastic | | | | | | | | | | | | | | | |
| Battery - type Battery - life ¹⁰ | Lithium Ion 6-cell or 9-cell, supports optional Slice battery as 2nd battery, HW Authentication <i>6-cell (57Whr):</i> up to 9.4 hr; <i>9-cell (94Whr):</i> up to 15.8 hr; <i>9-cell plus 9-cell Slice battery (94Whr):</i> up to 31.6 hr | | | | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard reader Ports | Mobile Intel QM77 Express Chipset One slot (ExpressCard/34) <i>Some:</i> 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 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS <i>Some:</i> Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required <i>Some:</i> User selectable, contract required with service provider | | | | | | | | | | | | | | | |
| SIM card Modem IEEE 1394 Bluetooth™ Ethernet Intel AMT Audio support | None None Bluetooth 4.0 wireless Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 <i>Some:</i> 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 <i>Some:</i> AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip | | | | | | | | | | | | | | | |
| Security Security chip Fingerprint reader | | | | | | | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴ , 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 | | | | | | | | | | 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 Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² | | | | | |

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