



Lenovo® ThinkPad L430



Lenovo ThinkPad L430



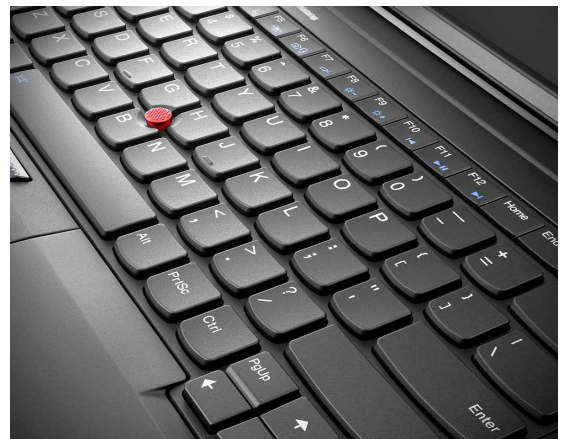
Lenovo ThinkPad L430



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Lenovo ThinkPad L430

ThinkPad L430 2468 (TopSeller)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ^B rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|---------------------|---------------------------|------------|---------------------|------------|----------------|---------|------------------|
| 2468-2AU | i3-2370M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 2200 | WWAN upg | Express 54 | None | None | 6 | Pro 64 | 06/12 |
| 2468-3AU | i5-2520M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 2200 | WWAN upg | None | None | None | 6 | Pro 64 | 07/12 |

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

| | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|---|--|--|--|--|
| Positioning Processor | Mainstream business performance; two spindles Intel® Core™ i3-2370M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology | | | | | | | | Preloaded operating system²⁰ Genuine Windows® 7 Professional 64 | | | | |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | | | | | | | | Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager | | | | |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | | | | | | | | Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) | | | | |
| mSATA™ SSD | None | | | | | | | | • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | | | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | | |
| Graphics | Intel HD Graphics 3000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; <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 | | | | | | | | | | | | |
| Touch pad ThinkLight™ | TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | | | |
| Dimensions ³ Weight ² | 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) | | | | | | | | | | | | |
| Case material | Acrylonitrile-Butadiene-Styrene (ABS) plastic | | | | | | | | | | | | |
| Battery - type | Lithium Ion 6-cell or 9-cell, HW Authentication | | | | | | | | | | | | |
| Battery - life ¹⁰ | <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr | | | | | | | | | | | | |
| Chipset | Mobile Intel HM76 Express Chipset | | | | | | | | | | | | |
| ExpressCard | <i>Some:</i> One slot (ExpressCard/34, ExpressCard/54) | | | | | | | | | | | | |
| Smart Card read | None | | | | | | | | | | | | |
| Multicard Reader | 4-in-1 reader (MMC, SD, SDHC, SDXC) | | | | | | | | | | | | |
| Ports | One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | Supports ThinkVantage® technologies | | | | |
| PCIe Mini Card | Two PCI Express Mini Card slots | | | | | | | | | | | | |
| PCIe WLAN ⁴ | 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2 | | | | | | | | | | | | |
| PCIe WWAN | Wireless WAN upgradable | | | | | | | | | | | | |
| Carrier | None | | | | | | | | | | | | |
| Modem | None | | | | | | | | | | | | |
| Bluetooth™ | None | | | | | | | | | | | | |
| Ethernet | Realtek® RTL8111F Gigabit Network Connection | | | | | | | | | | | | |
| Intel AMT | None | | | | | | | | | | | | |
| Audio support | HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack | | | | | | | | 65-watt AC adapter 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 | | | | |
| Security | Power-on password, hard disk password, supervisor password, security keyhole | | | | | | | | | | | | |
| Security chip | Trusted Platform Module, TCG 1.2-compliant | | | | | | | | For compatible accessories, please go to O-L430 sheet; | | | | |
| Fingerprint reader | None | | | | | | | | For Lenovo service ²² upgrade options, please go to QP-TA sheet | | | | |
| Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available | | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad L430 2468 (TopSeller) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Battery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|------------|---------------------|------------|---------------|------------|------------------|
| 2468-3BU | i5-2520M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 2200 | WWAN upg | None | None | No | 6 | Win8 Pro64 | 10/12 |
| 2468-4YU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 ²⁸ | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2468-4XU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2468-62U | i3-2348M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 05/13 |
| 2468-63U | i3-3110M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | None | BT | 6 | Win7 Pro64 | 06/13 |

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

| | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|---|--|
| Positioning Processor | <p><i>Mainstream business performance; two spindles</i> Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-2520M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology</p> | | | | | | | | | | <p>Preloaded operating system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit</p> <p>Preloaded applications⁵ (only some listed)</p> | |
| Memory | <p>8GB max⁷ / 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</p> | | | | | | | | | | <ul style="list-style-type: none"> - Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | |
| Optical SATA disk | <p>DVD burner, 12.7mm high, fixed, not removable, tray-in Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™</p> | | | | | | | | | | <ul style="list-style-type: none"> • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | |
| mSATA™ SSD | None | | | | | | | | | | | |
| Widescreen display | <p>Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> | | | | | | | | | | <ul style="list-style-type: none"> - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | |
| Graphics | <p>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)</p> | | | | | | | | | | <ul style="list-style-type: none"> - All models • Lenovo Solution Center • Password Manager • 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) | |
| Keyboard TrackPoint® Touch pad ThinkLight™ | <p>6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None</p> | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <p><i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr</p> | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | <p>Mobile Intel HM76 Express Chipset Some: One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)</p> | | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ | <p>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</p> | | | | | | | | | | Supports ThinkVantage® technologies | |
| PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <p>Wireless WAN upgradable None None Some: Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack</p> | | | | | | | | | | <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²</p> | |
| Security Security chip Fingerprint reader | <p>Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip</p> | | | | | | | | | | <p>For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options, please go to QP-TA sheet</p> | |
| <p>Limited warranty¹² 1-year - depot repair service / service upgrades²² available</p> | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad L430 2469 (TopSeller)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ⁸ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|-----------|---------------------|------------|----------------|---------|------------------|
| 2469-24U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 ²⁸ | WWAN upg | None | Finger | BT | 6 | Pro 64 | 06/12 |
| 2469-25U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 | WWAN upg | None | Finger | BT | 6 | Pro 64 | 06/12 |
| 2469-26U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | None | None | 6 | Pro 64 | 06/12 |
| 2469-27U | i5-3210M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 2200 | WWAN upg | None | None | None | 6 | Pro 64 | 06/12 |
| 2469-28U | i3-2370M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 2200 | WWAN upg | None | Finger | BT | 6 | Pro 64 | 06/12 |

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

| | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Positioning Processor | <p><i>Mainstream business performance; two spindles</i> Intel® Core™ i3-2370M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology</p> | | | | | | | | | | <p>Preloaded operating system²⁰ Genuine Windows® 7 Professional 64</p> <p>Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager</p> | |
| Memory | <p>8GB max⁷ / 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</p> | | | | | | | | | | <p>Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)</p> | |
| Optical SATA disk | <p>DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™</p> | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | |
| Widescreen display | <p><i>Some:</i> 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> | | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | |
| Graphics | <p>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)</p> | | | | | | | | | | | |
| Keyboard TrackPoint® Touch pad ThinkLight™ | <p>6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None</p> | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <p><i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr</p> | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | <p>Mobile Intel HM76 Express Chipset None None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)</p> | | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ | <p>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</p> | | | | | | | | | | Supports ThinkVantage® technologies | |
| PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <p>Wireless WAN upgradable None None <i>Some:</i> Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack</p> | | | | | | | | | | <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²</p> | |
| Security Security chip Fingerprint reader | <p>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, supports the security chip</p> | | | | | | | | | | <p>For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options, please go to QP-TA sheet</p> | |
| <p>Limited warranty¹² 3-years/1-yr battery - depot repair service / service upgrades²² available</p> | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad L430 2469 (TopSeller) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|------------|---------------------|------------|----------------|------------|------------------|
| 2469-2TU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 ²⁸ | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 10/12 |
| 2469-2SU | i5-3210M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 2200 | WWAN upg | Express 54 | None | None | 6 | Win7 Pro64 | 10/12 |
| 2469-2RU | i3-3110M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 2200 | WWAN upg | Express 54 | None | None | 6 | Win7 Pro64 | 10/12 |
| 2469-32U | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2469-2ZU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 2200 | WWAN upg | None | None | None | 6 | Win7 Pro64 | 02/13 |
| 2469-2YU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2469-2XU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | None | None | 6 | Win7 Pro64 | 02/13 |
| 2469-2WU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | WLAN upg | WWAN upg | None | Finger | BT | 6 | Win7 Pro64 | 02/13 |

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

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|---|
| Positioning Processor | <p><i>Mainstream business performance; two spindles</i> Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology</p> | | | | | | | | | | <p>Preloaded operating system²⁰ - Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p>Preloaded applications⁵ (only some listed)</p> <ul style="list-style-type: none"> - Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap • Adobe® Reader® • 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 • 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) • Skype™ |
| Memory | <p>8GB max⁷ / 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</p> | | | | | | | | | | |
| Optical SATA disk | <p>DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™</p> | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | |
| Widescreen display | <p><i>Some:</i> 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | |
| Graphics | <p>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)</p> | | | | | | | | | | |
| Keyboard TrackPoint® Touch pad ThinkLight™ | <p>6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None</p> | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <p><i>14.0W"</i> (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr</p> | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | <p>Mobile Intel HM76 Express Chipset <i>Some:</i> One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)</p> | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ | <p>Two PCI Express Mini Card slots <i>Some:</i> Wireless LAN upgradable <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</p> | | | | | | | | | | |
| PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <p>Wireless WAN upgradable None None <i>Some:</i> Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack</p> | | | | | | | | | | |
| Security Security chip Fingerprint reader | <p>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, supports the security chip</p> | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | | | | | | | | <p>Supports ThinkVantage® technologies</p> <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²</p> <p>For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options, please go to QP-TA sheet</p> |

See footnotes for more detailed information

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

• A depot repair service 3-year limited warranty

| | | |
|--|---|---|
| Positioning Processor | Mainstream business performance; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i5-3360M processor (2 cores, 2.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology | Preloaded operating system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | |
| mSATA™ SSD | None | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | |
| Camera | <i>Some:</i> 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® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset <i>Some:</i> One slot (ExpressCard/34, ExpressCard/54) <i>Some:</i> Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN | Two PCI Express Mini Card slots <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 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Qualcomm® Gobi™ 3000 chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS | |
| Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <i>Some:</i> User selectable, AT&T®, Verizon®, or Sprint®, contract required with service provider None <i>Some:</i> Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack | Supports ThinkVantage® technologies 65-watt AC adapter 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 |
| 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, supports the security chip | For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet |
| Limited warranty ¹² 3-years/1-yr battery - depot repair service / service upgrades ²² available | | |

See footnotes for more detailed information

ThinkPad L430 2465 (Windows 8)

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | Carrier | Finger print reader | Blue-tooth | Bat-tery cells | Global (G) GMP (P) | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|----------------------------|---------|---------------------|------------|----------------|--------------------|------------|------------------|
| 2465-62U | i7-3520M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 ²⁸ | WWAN upg | None | Finger | BT | 6 | G | Win8 Pro64 | 10/12 |
| 2465-65U | i5-3320M | 4GBx1 | 14.0" HD | None | 320G 7200 | Intel 2200 | WWAN upg | None | None | No | 6 | G | Win8 Pro64 | 10/12 |
| 2465-63U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | Finger | BT | 6 | G | Win8 Pro64 | 10/12 |
| 2465-64U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 | WWAN upg | None | Finger | BT | 6 | G | Win8 Pro64 | 10/12 |

• A depot repair service 3-year limited warranty

| | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Positioning Processor | <i>Mainstream business 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 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® 8 Pro 64-bit Preloaded applications⁵ (only some listed) | | | |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | | | | | | | | | | - Windows 7 models • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap • Adobe® Reader® • Corel® WinDVD™ (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) | | | |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | | | | | | | | | | - Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo QuickLaunch • PC Device Stage • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) | | | |
| mSATA™ SSD | None | | | | | | | | | | - 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) • Skype™ | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | | | | | | | | | | Supports ThinkVantage® technologies | | | |
| Camera | <i>Some:</i> HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | 65-watt AC adapter 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 | | | |
| 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) | | | | | | | | | | For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet | | | |
| Keyboard TrackPoint® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | Limited warranty ¹² 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr | | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset None None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | 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 Wireless WAN upgradable None None <i>Some:</i> Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole | | | | | | | | | | | | | |
| 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, supports the security chip | | | | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad L430 2465 (Windows 8) - II

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/ mSATA | Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|----------------------------|------------|---------------------|------------|----------------|------------|------------------|
| 2465-7BU | i5-3360M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 ²⁸ | WWAN upg | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |
| 2465-7AU | i5-3360M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2465-79U | i5-3360M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |
| 2465-78U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2465-77U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | None | No | 6 | Win7 Pro64 | 02/13 |
| 2465-7QU | i3-2348M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |
| 2465-7PU | i3-2348M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |
| 2465-7NU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |
| 2465-7MU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win8 Pro64 | 02/13 |
| 2465-7GU | i5-3230M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Express 54 | Finger | BT | 6 | Win7 Pro64 | 02/13 |

| | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Positioning Processor | <p><i>Mainstream business performance; two spindles</i> Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i5-3360M processor (2 cores, 2.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology</p> | | | | | | | | | | <p>Preloaded operating system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit</p> <p>Preloaded applications⁵ (only some listed)</p> | |
| Memory | <p>8GB max⁷ / 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</p> | | | | | | | | | | <p>- Windows 7 models</p> <ul style="list-style-type: none"> Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Adobe® Reader® Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition (DVD±RW) Corel DVD MovieFactory® Lenovo Edition (DVD±RW) <p>- Windows 8 models</p> <ul style="list-style-type: none"> Lenovo Support Lenovo Companion Lenovo QuickLaunch PC Device Stage Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) <p>- All models</p> <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 Skype™ | |
| Optical SATA disk | <p>DVD burner, 12.7mm high, fixed, not removable, tray-in Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™</p> | | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | | |
| Widescreen display | <p>Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> | | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | |
| Graphics | <p>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)</p> | | | | | | | | | | | |
| Keyboard TrackPoint® | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys | | | | | | | | | | | |
| Touch pad ThinkLight™ | TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | | |
| Dimensions ³ | 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm | | | | | | | | | | | |
| Weight ² | 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg) | | | | | | | | | | | |
| Case material | Acrylonitrile-Butadiene-Styrene (ABS) plastic | | | | | | | | | | | |
| Battery - type | Lithium Ion 6-cell or 9-cell, HW Authentication | | | | | | | | | | | |
| Battery - life ¹⁰ | 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr | | | | | | | | | | | |
| Chipset | Mobile Intel HM76 Express Chipset | | | | | | | | | | | |
| ExpressCard | One slot (ExpressCard/34, ExpressCard/54) | | | | | | | | | | | |
| Smart Card read | None | | | | | | | | | | | |
| Multicard Reader | 4-in-1 reader (MMC, SD, SDHC, SDXC) | | | | | | | | | | | |
| Ports | One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | | | | |
| PCIe Mini Card | Two PCI Express Mini Card slots | | | | | | | | | | <p>Supports ThinkVantage® technologies</p> <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²</p> <p>For compatible accessories, please go to O-L430 sheet; For Lenovo service²² upgrade options, please go to QP-TA sheet</p> | |
| PCIe WLAN ⁴ | 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 | | | | | | | | | | | |
| PCIe WWAN | Wireless WAN upgradable | | | | | | | | | | | |
| Carrier | None | | | | | | | | | | | |
| Modem | None | | | | | | | | | | | |
| Bluetooth™ | Some: Bluetooth 4.0 wireless | | | | | | | | | | | |
| Ethernet | Realtek® RTL8111F Gigabit Network Connection | | | | | | | | | | | |
| Intel AMT | None | | | | | | | | | | | |
| Audio support | HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack | | | | | | | | | | | |
| Security | Power-on password, hard disk password, supervisor password, security keyhole | | | | | | | | | | | |
| Security chip | Trusted Platform Module, TCG 1.2-compliant | | | | | | | | | | | |
| Fingerprint reader | Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip | | | | | | | | | | | |
| Limited warranty ¹² 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | | | | | | | | | | |

See footnotes for more detailed information

ThinkPad L430 2465 (Optimus)

Product Specifications Reference (PSREF)

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

• A depot repair service 3-year limited warranty

| | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|---|--|--|--|--|
| Positioning Processor | <i>Mainstream business performance; two spindles</i> 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 | | | | |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | | | | | | | | Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager | | | | |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | | | | | | | | Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • 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, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | | | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | | |
| 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® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.16 lb (2.34kg); <i>9-cell:</i> from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 5.6 hr; <i>9-cell (94Whr):</i> up to 9.3 hr | | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem 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 None None None Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital 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, supports the security chip | | | | | | | | 90-watt AC adapter 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 upgrades²² available | | | | | | | | For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet | | | | |

See footnotes for more detailed information

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ThinkPad L430 2465 (Optimus) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ⁵ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Battery cells | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|------------|---------------------|------------|---------------|------------|------------------|
| 2465-7DU | i7-3520M | 4GBx2 | 14.0" HD+ | 720p | 180G SSD | Intel 6205 ²⁸ | None | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |
| 2465-7CU | i7-3520M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 | None | Express 54 | Finger | BT | 9 | Win7 Pro64 | 02/13 |

• A depot repair service 3-year limited warranty

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|---|
| Positioning Processor | <i>Mainstream business performance; two spindles</i> 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 • Lenovo® Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • ThinkVantage Power Manager • Lenovo SimpleTap • 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 • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) - All models • Lenovo Solution Center • Password Manager • 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 | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | | | | | | | | | | |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | | | | | | | | | | |
| mSATA™ SSD | None | | | | | | | | | | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | |
| 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® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 hr | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem 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 None None None Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack | | | | | | | | | | Supports ThinkVantage® technologies 90-watt AC adapter 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 |
| 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, supports the security chip | | | | | | | | | | |
| Limited warranty ¹² | 3-years/1-yr battery - depot repair service / service upgrades ²² available | | | | | | | | | | |

See footnotes for more detailed information

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ThinkPad L430 2466 (Onsite)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card Carrier | Smart Card Reader | Card slot | Finger print reader | Blue-tooth | Battery cells | Workhorse (W) Global (G) Pre-load (P) | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|--------------|-------------------|-----------|---------------------|------------|---------------|---------------------------------------|------------------|
| 2466-33U | i5-3360M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 ²⁸ | upg | None | Smart | Exp 54 | Finger | BT | 6 | W G P | Pro 64 06/12 |
| 2466-32U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | upg | None | Smart | Exp 54 | Finger | BT | 6 | W G P | Pro 64 06/12 |
| 2466-3AU | i7-3520M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 9 | | Pro 64 06/12 |
| 2466-3BU | i5-3360M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 9 | G P | Pro 64 06/12 |
| 2466-3CU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 6 | G P | Pro 64 06/12 |
| 2466-3DU | i5-3360M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 6 | G P | Pro 64 06/12 |
| 2466-3EU | i5-3360M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 9 | G P | Pro 64 06/12 |
| 2466-3FU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | upg | None | None | Exp 54 | Finger | BT | 6 | G P | Pro 64 06/12 |
| 2466-3GU | i5-3320M | 4GBx1 | 14.0" HD+ | 720p | 320G 7200 | Intel 6205 | Gobi | select | None | Exp 54 | Finger | BT | 9 | | Pro 64 06/12 |
| 2466-3HU | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | Gobi | select | None | Exp 54 | Finger | BT | 6 | | Pro 64 06/12 |
| 2466-3JU | i5-3320M | 4GBx1 | 14.0" HD | None | 500G 7200 | Intel 2200 | upg | None | None | Exp 54 | None | No | 6 | | Pro 64 06/12 |
| 2466-3KU | i5-3320M | 4GBx1 | 14.0" HD | None | 320G 7200 | Intel 2200 | upg | None | None | Exp 54 | None | No | 6 | | Pro 64 06/12 |

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

| | | |
|---|---|---|
| Positioning Processor | Mainstream business performance; two spindles Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i5-3360M processor (2 cores, 2.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Core i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology | Preloaded operating system²⁰ Genuine Windows® 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Corel® WinDVD® (DVD±RW) • Corel Burn.Now™ Lenovo Edition (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW) |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | |
| mSATA™ SSD | None | |
| Widescreen display | <i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | |
| Camera | <i>Some:</i> 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® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.11 lb (2.32kg); <i>9-cell:</i> from 5.48 lb (2.49kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 7.5 hr; <i>9-cell (94Whr):</i> up to 12.3 hr | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) <i>Some:</i> Smart Card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN | Two PCI Express Mini Card slots <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 <i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Qualcomm® Gobi™ 3000 chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS | Supports ThinkVantage® technologies |
| Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <i>Some:</i> User selectable, AT&T®, Verizon®, or Sprint®, contract required with service provider None <i>Some:</i> Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack | 65-watt AC adapter 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 |
| 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, supports the security chip | For compatible accessories, please go to O-L430 sheet; |
| Limited warranty ¹² | 3-years/1-year battery, limited onsite service²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available | For Lenovo service ²² upgrade options, please go to QP-TA sheet |

See footnotes for more detailed information

ThinkPad L430 2466 (Onsite) - Windows 8

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ³ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Smart Card Reader | Smart Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Global (G) GMP (P) | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|-------------------|-----------------|---------------------|------------|----------------|--------------------|------------|------------------|
| 2466-62U | i7-3520M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 ²⁸ | WWAN upg | None | None | Finger | BT | 6 | G P | Win8 Pro64 | 10/12 |
| 2466-63U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | None | Finger | BT | 6 | G P | Win8 Pro64 | 10/12 |
| 2466-64U | i5-3320M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 6205 | WWAN upg | None | None | Finger | BT | 6 | G P | Win8 Pro64 | 10/12 |
| 2466-5UU | i5-2520M | 4GBx1 | 14.0" HD | 720p | 500G 7200 | Intel 2200 | WWAN upg | None | None | None | No | 6 | | Win7 Pro64 | 02/13 |
| 2466-5TU | i5-3320M | 2GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | None | Exp 54 | Finger | BT | 6 | | Win7 Pro64 | 02/13 |
| 2466-5SU | i5-3320M | 2GBx1 | 14.0" HD | 720p | 320G 7200 | Intel 6205 | WWAN upg | Smart | Exp 54 | Finger | BT | 6 | | Win7 Pro64 | 02/13 |

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

| | | |
|---|--|---|
| Positioning Processor | <p>Mainstream business performance; two spindles</p> <p>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</p> <p>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</p> <p>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</p> | <p>Preloaded operating system²⁰</p> <ul style="list-style-type: none"> - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit <p>Preloaded applications⁵ (only some listed)</p> <ul style="list-style-type: none"> - 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® • 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 • 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 • Skype™ |
| Memory | <p>8GB max⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets</p> <p>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</p> | |
| Optical SATA disk | <p>DVD burner, 12.7mm high, fixed, not removable, tray-in</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable</p> <p>Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™</p> | |
| mSATA™ SSD | None | |
| Widescreen display | <p>Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> <p>Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio</p> | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | |
| Graphics | <p>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;</p> <p>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)</p> | |
| Keyboard TrackPoint® Touch pad ThinkLight™ | <p>6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys</p> <p>TrackPoint® pointing device, Internet Scroll Bar¹³, magnifying glass</p> <p>UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch</p> <p>None</p> | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <p>14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm</p> <p>6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg)</p> <p>Acrylonitrile-Butadiene-Styrene (ABS) plastic</p> <p>Lithium Ion 6-cell or 9-cell, HW Authentication</p> <p>6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr</p> | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | <p>Mobile Intel HM76 Express Chipset</p> <p>Some: One slot (ExpressCard/34, ExpressCard/54)</p> <p>Some: Smart Card reader</p> <p>4-in-1 reader (MMC, SD, SDHC, SDXC)</p> <p>One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)</p> | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | <p>Two PCI Express Mini Card slots</p> <p>Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2</p> <p>Some: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2</p> <p>Wireless WAN upgradable</p> <p>None</p> <p>None</p> <p>Some: Bluetooth 4.0 wireless</p> <p>Realtek® RTL8111F Gigabit Network Connection</p> <p>None</p> <p>HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital mic, mic mute button, combo audio/mic jack</p> | <p>Supports ThinkVantage® technologies</p> <p>65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified RoHS-compliant International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free support during the warranty period¹²</p> |
| Security Security chip Fingerprint reader | <p>Power-on password, hard disk password, supervisor password, security keyhole</p> <p>Trusted Platform Module, TCG 1.2-compliant</p> <p>Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip</p> | <p>For compatible accessories, please go to O-L430 sheet;</p> <p>For Lenovo service²² upgrade options, please go to QP-TA sheet</p> |
| Limited warranty ¹² | <p>3-years/1-year battery, limited onsite service²⁴, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades²² available</p> | |

See footnotes for more detailed information

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ThinkPad L430 2466 (Optimus) - Onsite

Product Specifications Reference (PSREF)

| Type-model | Processor | Memory | Wide-screen display | Camera | Disk SATA GB ⁹ rpm | PCIe Mini Card WLAN | PCIe Mini Card WWAN/mSATA | Card slot | Finger print reader | Blue-tooth | Bat-tery cells | Global (G) GMP (P) | Preload | Ann Date (mm/yy) |
|------------|-----------|--------|---------------------|--------|-------------------------------|--------------------------|---------------------------|------------|---------------------|------------|----------------|--------------------|---------|------------------|
| 2466-39U | i7-3520M | 4GBx1 | 14.0" HD+ | 720p | 500G 7200 | Intel 6205 ²⁸ | None | Express 54 | Finger | BT | 9 | No | Pro 64 | 06/12 |

| | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|---|
| Positioning Processor | <i>Mainstream business performance; two spindles</i> 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 |
| Memory | 8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller | | | | | | | | | | | Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Password Manager |
| Optical SATA disk | DVD burner, 12.7mm high, fixed, not removable, tray-in <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ | | | | | | | | | | | Preloaded applications¹⁴ (only some listed) • Lenovo Message Center Plus • ThinkVantage Product Recovery • Access Connections™ • Fingerprint Software (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • 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, 400:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio | | | | | | | | | | | |
| Camera | HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus | | | | | | | | | | | |
| 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® Touch pad ThinkLight™ | 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint® pointing device, Internet Scroll Bar ¹³ , magnifying glass UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch None | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰ | <i>14.0W" (WxDxH):</i> 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm <i>6-cell:</i> from 5.16 lb (2.34kg); <i>9-cell:</i> from 5.52 lb (2.51kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell or 9-cell, HW Authentication <i>6-cell (57Whr):</i> up to 5.6 hr; <i>9-cell (94Whr):</i> up to 9.3 hr | | | | | | | | | | | |
| Chipset ExpressCard Smart Card read Multicard Reader Ports | Mobile Intel HM76 Express Chipset One slot (ExpressCard/34, ExpressCard/54) None 4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45) | | | | | | | | | | | |
| PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN Carrier Modem 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 None None None Bluetooth 4.0 wireless Realtek® RTL8111F Gigabit Network Connection None HD Audio, Realtek ALC3202 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / volume up, down, mute buttons / monaural digital 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, supports the security chip | | | | | | | | | | | 90-watt AC adapter 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-year battery, limited onsite service²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available | | | | | | | | | | | For compatible accessories, please go to O-L430 sheet; For Lenovo service ²² upgrade options, please go to QP-TA sheet |

See footnotes for more detailed information

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Memory

| | | |
|---------------------------|---------|--------------|
| 2GB PC3-12800 DDR3 SODIMM | 0A65722 | ann 06/05/12 |
| 4GB PC3-12800 DDR3 SODIMM | 0A65723 | ann 06/05/12 |

Storage and removable storage

| | | |
|---|---------|--------------|
| ThinkPad 16GB mSATA Solid State Cache Drive | 0B47309 | ann 12/11/12 |
| USB 2.0 Portable 500GB Hard Disk | 45K1690 | ann 05/26/09 |
| USB 3.0 Secure 500GB Hard Drive | 0A65619 | ann 11/29/11 |
| USB 3.0 Secure 750GB Hard Drive | 0A65616 | ann 11/29/11 |
| USB 3.0 Secure 1TB Hard Drive | 0A65621 | ann 08/28/12 |
| Lenovo Slim USB Portable DVD Burner | 0A33988 | ann 06/14/11 |

ThinkPad Expansion

| | | |
|--|---------|--------------|
| Lenovo® Essential Notebook Stand | 45J9292 | ann 05/12/09 |
| ThinkPad Port Replicator Series 3 with USB 3.0 | 433615W | ann 06/05/12 |
| ThinkPad Mini Dock Series 3 - 90W | 433710U | ann 06/23/09 |
| ThinkPad Mini Dock Series 3 w/ USB 3.0 - 90W | 433715U | ann 06/05/12 |
| TP Mini Dock Plus Series 3 w/ USB 3.0 - 90W | 433815U | ann 06/05/12 |
| TP Mini Dock Plus Series 3 w/ USB 3.0 - 170W | 433835U | ann 06/05/12 |

Keyboard

| | | |
|--|---------|--------------|
| TrackPoint Cap Collection | 73P2698 | ann 12/16/03 |
| Ultraslim Plus Wireless Keyboard and Mouse ⁵² | 0A34032 | ann 04/05/11 |
| USB Numeric Keypad | 33L3225 | ann 05/01/00 |
| Preferred Pro USB Keyboard | 73P5220 | ann 06/21/05 |
| Enhanced Performance USB Keyboard | 73P2620 | ann 03/23/04 |
| ThinkPad USB Keyboard with TrackPoint | 55Y9003 | ann 08/18/09 |
| Lenovo® USB Fingerprint Keyboard | 73P4730 | ann 02/22/05 |
| Lenovo USB Smartcard Keyboard | 51J0155 | ann 03/24/09 |

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

| | | |
|---|---------|--------------|
| Lenovo Optical Mouse (USB) | 06P4069 | ann 05/21/03 |
| Lenovo Laser Mouse (USB) | 41U3074 | ann 01/23/07 |
| ThinkPad USB Laser Mouse | 57Y4635 | ann 12/15/09 |
| Lenovo ScrollPoint® Mouse (USB, Optical) | 31P7405 | ann 08/27/02 |
| ThinkPad Travel Mouse (USB, Optical) | 31P7410 | ann 06/04/02 |
| ThinkPad Bluetooth Laser Mouse | 0A36407 | ann 06/26/12 |
| Lenovo Wireless Laser Mouse ⁵² | 0A36188 | ann 12/20/11 |

Multimedia

| | | |
|--|---------|--------------|
| ThinkPad In-Ear Headphones with microphone | 57Y4488 | ann 01/07/10 |
|--|---------|--------------|

Modem

| | | |
|----------------------|---------|--------------|
| USB 2.0 Lenovo Modem | 43R1814 | ann 02/26/08 |
|----------------------|---------|--------------|

Security

| | | |
|---|---------|--------------|
| 3M 14.0W Privacy Filter from Lenovo | 0A61769 | ann 04/05/11 |
| Kensington® MicroSaver® Cable Lock | 73P2582 | ann 12/29/03 |
| Kensington Twin Head Cable Lock | 45K1620 | ann 09/30/08 |
| Lenovo Security Cable Lock | 57Y4303 | ann 08/24/10 |
| USB Gemplus GemPC Smart Card Reader | 41N3040 | ann 02/21/06 |
| ExpressCard Gemplus Smart Card Reader ⁵⁷ | 41N3043 | ann 06/27/06 |

⁵⁷ Only compatible with the models having 54mm Express card slot.

Batteries

| | | |
|---|---------|--------------|
| ThinkPad Battery 70+ (6-cell) | 0A36302 | ann 06/05/12 |
| ThinkPad Battery 70++ (9-cell) | 0A36303 | ann 06/05/12 |
| ThinkPad External Battery Charger ⁴⁴ | 40Y7625 | ann 09/20/05 |

⁴⁴ Requires the *ThinkPad 90W AC Adapter 40Y7659* or the adapter provided with the system.

More information at www.lenovo.com/alldaycomputing

| | | |
|---------------------------------------|---------|--------------|
| ThinkPad 65W AC Adapter ⁴⁵ | 40Y7696 | ann 01/05/06 |
|---------------------------------------|---------|--------------|

⁴⁵ Only compatible with the integrated graphics models.

| | | |
|-----------------------------------|---------|--------------|
| ThinkPad 90W AC Adapter | 40Y7659 | ann 09/20/05 |
| 90W Ultraslim AC/DC Combo Adapter | 41R4493 | ann 09/22/09 |

More info at www.lenovo.com/support/poweradapters

Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493

- iPod and iPhone Charge Tip (L10a) 41R4481 ann 12/18/07
- Generic Micro USB charge tip (L18) 41R4490 ann 01/06/09

More information at www.lenovopowertips.com

Carrying Cases

Up to 15.6" widescreen models:

| | | |
|---------------------------------|---------|--------------|
| Lenovo Messenger Max | 41U5253 | ann 05/01/07 |
| Lenovo Performance Backpack | 41U5254 | ann 05/01/07 |
| ThinkPad Business Topload Case | 43R2476 | ann 05/13/08 |
| ThinkPad Business Backpack | 43R2482 | ann 05/13/08 |
| ThinkPad Deluxe Expander Case | 43R2478 | ann 05/13/08 |
| ThinkPad Executive Leather Case | 43R2480 | ann 05/13/08 |
| Lenovo Sport Backpack - Red | 0A33896 | ann 02/28/12 |
| Lenovo Sport Slimcase - Red | 0A33897 | ann 02/28/12 |
| Lenovo Sport Messenger - Red | 0A33898 | ann 02/28/12 |

More information at www.lenovo.com/support/cases

Monitors

| | | |
|---|---------|--------------|
| ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹ | 2448MB6 | ann 09/13/11 |
| ThinkVision L2251x Wide 22" (VGA, DP) ⁶⁹ | 2578HB6 | ann 10/20/09 |

⁶⁹ DisplayPort cable is not included.

| | | |
|---|---------|--------------|
| ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) | 1452DS6 | ann 08/16/11 |
| ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Case (USB 2.0) | 1452DB6 | ann 08/16/11 |

More information at www.lenovo.com/support/monitors

Monitor Accessories⁴⁶

| | | |
|---|---------|--------------|
| Lenovo USB 3.0 to DVI/VGA Monitor Adapter | 0B47072 | ann 08/14/12 |
| Lenovo Mini-DisplayPort to VGA Monitor Cable | 0A36536 | ann 05/17/11 |
| Mini-DisplayPort to Single-link DVI Monitor Cable | 0B47090 | ann 06/26/12 |
| Mini-DisplayPort to DisplayPort Monitor Cable | 0B47091 | ann 07/24/12 |
| Lenovo USB Soundbar | 0A36190 | ann 05/01/12 |
| Kensington MicroSaver Cable Lock | 73P2582 | ann 12/29/03 |
| Kensington Twin Head Cable Lock | 45K1620 | ann 09/30/08 |
| Lenovo Security Cable Lock | 57Y4303 | ann 08/24/10 |
| Lenovo Easy Reach Monitor Stand | 55Y9258 | ann 09/22/09 |

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems