### ThinkPad L430 2468 (TopSeller)

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<th>Type-model</th>
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<th>Memory</th>
<th>Wide-screen display</th>
<th>Camera</th>
<th>Disk SATA GB rpm</th>
<th>PCIe Mini Card WLAN</th>
<th>PCIe Mini Card WWAN/mSATA</th>
<th>Card slot</th>
<th>Finger print reader</th>
<th>Bluetooth</th>
<th>Battery cells</th>
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<td>Pro 64</td>
<td>07/12</td>
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</table>

### Preloaded operating system
- Genuine Windows® 7 Professional 64

### Ready to install applications
- (only some listed)
- Rescue and Recovery™
- Password Manager
- Preloaded applications
- (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 DVD MovieFactory™ Lenovo Edition (DVD:RW)

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

### Positioning
- Mainstream business performance; two spindles

### Processor
- 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

### Memory
- 8GB max / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

### Optical SATA disk
- DVD burner, 12.7mm high, fixed, not removable, tray-in
- Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable

### Widescreen display
- Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

### Camera
- HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

### Graphics
- Intel HD Graphics 3000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)

### Keyboard
- 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

### TrackPoint® Touchpad
- TrackPoint® pointing device, Internet Scroll Bar™, magnifying glass

### ThinkLight™
- UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

### Dimensions
- 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm
- 6-cell: from 5.11 lb (2.32kg); 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm
- 9-cell: from 5.48 lb (2.49kg); 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm

### Weight
- 6-cell: from 5.48 lb (2.49kg); 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm
- 9-cell: from 5.48 lb (2.49kg); 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm

### Battery - life
- 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr

### Chipset
- Mobile Intel HM76 Express Chipset

### ExpressCard
- Some: One slot (ExpressCard/34, ExpressCard/54)

### 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)

### PCle Mini Card
- Two PCI Express Mini Card slots

### PCle WLAN
- 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2

### Carrier
- None

### Modem
- None

### Bluetooth™
- None

### Ethernet
- Realtek® RT8111F 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
- Security password, hard disk password, supervisor password, security keyhole

### Security chip
- Trusted Platform Module, TCG 1.2-compliant

### Finger print reader
- None

### Limited warranty
- 1-year - depot repair service / service upgrades available

See footnotes for more detailed information
### ThinkPad L430 2468 (TopSeller) - Windows 8

#### Product Specifications Reference (PSREF)

<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>Wide-screen display</th>
<th>Camera</th>
<th>Disk SATA</th>
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* Small and medium business (SMB) model(s), part of the US TopSeller™ Program

**Positioning**
- **Processor**: Intel® Core™ i3-2348M processor (2 cores, 2.30GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology
- **Intel Core i3-3110M processor (2 cores, 2.4GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology**

**Memory**: 8GB max / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets

**Optical Drive**
- **SATA disk**: DVD burner, 12.7mm high, fixed, not removable, tray-in

**mSATA™ SSD**: None

**Wide-screen display**
- **Some**: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 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 or 4000 in processor**, supports external analog monitor via VGA DB-15 and digital monitor via MiniDisplayPort, 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)

**Keyboard**
- **TrackPoint®**: 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

**Touch pad**
- **ThinkLight™**: UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

**Dimensions³**
- **14.0W” (WxDxH): 13.94” x 9.57” x 1.17–1.24”**: 354mm x 243mm x 29.6–31.4mm

**Weight⁵**
- **6-cell: from 5.11 lb (2.32kg)**; **9-cell: from 5.48 lb (2.49kg)**

**Battery**
- **Type**: Lithium Ion 6-cell or 9-cell, HW Authentication
- **Life**: 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**
- **Ports**: One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)

**Pcle Mini Card**
- **PCle Mini Card slots**: Two PCI Express Mini Card slots

**Pcle WLAN⁴**
- **Some**: 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2
- **Some**: 11a/b/g/n, PCle Half Mini Card, Intel Centrino Advanced-N 6205, 2x2

**Pcle WWAN**
- **Wireless WAN upgradable**

**Carrier**
- **None**

**Moderm**
- **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**
- **AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip**

**Limited warranty:** 1-year - depot repair service / service upgrades available

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See footnotes for more detailed information

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**ThinkPad L430 2469 (TopSeller)**

**Product Specifications Reference (PSREF)**

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<th>Memory</th>
<th>Wide-screen display</th>
<th>Camera</th>
<th>Disk SATA GB</th>
<th>Mini Card WLAN</th>
<th>Mini Card WWAN/mSATA</th>
<th>Card slot</th>
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<td>Pro 64</td>
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</table>

- **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 i5-3210M 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**

- **Memory**
  - 8GB max / 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
  - **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™

- **mSATA™ SSD**
  - None

- **Widescreen display**
  - **Some:** 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio
  - **Some:** 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

- **Camera**
  - HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

- **Graphics**
  - **Intel HD Graphics 3000 or 4000 in processor,** supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort;
    - supports dual independent display;
    - Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@75Hz (VGA)

- **Keyboard**
  - 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

- **TrackPoint®**
  - TrackPoint® pointing device, Internet Scroll Bar®, magnifying glass

- **Touch pad**
  - UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

- **ThinkLight™**
  - None

- **Dimensions3**
  - 14.0W" (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm
  - 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg)

- **Case material**
  - Acrylonitrile-Butadiene-Styrene (ABS) plastic

- **Battery - type**
  - Lithium Ion 6-cell or 9-cell, HW Authentication

- **Battery - life11**
  - 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr

- **Chips**
  - Mobile Intel HM76 Express Chipset

- **Operating System**
  - Windows 7, 32-bit

- **Ports**
  - One USB 3.0, three USB 2.0 (one powered), VGA DB-15, Mini DisplayPort, ethernet (RJ-45)

- **Preloaded operating system30**
  - Genuine Windows® 7 Professional 64

- **Ready to install applications14 (only some listed)**
  - Lenovo Message Center Plus
  - ThinkVantage Product Recovery
  - Access Connections33
  - 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)

- **Preloaded applications14 (only some listed)**
  - Ready to install applications
  - Corel® WinDVD® (DVD:RW)
  - Corel DVD MovieFactory® Lenovo Edition (DVD:RW)

- **Special Technologies**
  - Supports ThinkVantage™ technologies

- **65-watt ac adapter**
  - EPEAT® Gold rating
  - ENERGY STAR® 5.0-compliant
  - GREENGUARD® certified
  - RoHS-compliant
  - International Warranty Service17

- **Internal Warranty Service**
  - 24 hour x 7 day toll-free support during the warranty period

- **Limited warranty**
  - 3-years/1-yr battery - depot repair service / service upgrades22 available

- **See footnotes for more detailed information**

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(CD1-3) June 2012
<table>
<thead>
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<th>Model</th>
<th>Processor</th>
<th>Memory</th>
<th>Display</th>
<th>Camera</th>
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- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- A depot repair service 3-year limited warranty

**Positioning**

- Mainstream business performance; two spindles
- Intel® Core™ i3-3110M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz, HT technology)
- 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 (3.20GHz), HT technology)
- Intel Core i5-3330M 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)

**Memory**

- 8GB max / 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
- Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradeable
- Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradeable, Active Protection System™

**mSATA SSD**

- None

**Widescreen display**

- Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio
- Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

**Camera**

- HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

**Graphics**

- Intel HD Graphics 4000 in processor, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports dual independent display
- *Maximum external resolution*: 2560x1600@60Hz (DisplayPort via optional Mini DP cable; 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable; 2048x1536@75Hz (VGA)

**Keyboard**

- 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys
- TrackPoint® pointing device, Internet Scroll Bar®, magnifying glass

**ThinkLight™**

- None

**Dimensions**

- 14.0W* (WxDxH): 13.94" x 9.57" x 1.17-1.24"; 354mm x 243mm x 29.6–31.4mm
- 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg)

**Weight**

- Acrylonitrile-Butadiene-Styrene (ABS) plastic
- Lithium-Ion 6-cell or 9-cell, HW Authentication
- 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr

**Chipset**

- Mobile Intel HM76 Express Chipset
- Supports ThinkVantage technologies

**Preloaded operating system**

- Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit

**Preloaded applications**

- 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.A佟nd™ 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
  - SugarSync
  - Microsoft® Office preloaded; purchase a product key to activate
  - Norton™ Internet Security
  - Skype™

**ENERGY STAR® certified**

- 65-watt AC adapter
- EPEAT® Gold rating
- GREENGUARD® certified
- RoHS-compliant
- International Warranty Service17 24 hour x 7 day/8-hour free support during the warranty period18

For compatible accessories, please go to O-L430 sheet;
For Lenovo service upgrades, please go to QP-TA sheet

See footnotes for more detailed information © Lenovo

(CD1-10) February 2013
See footnotes for more detailed information

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</table>

- A depot repair service 3-year limited warranty

Positioning
Processor: Intel Core i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.40GHz), HT technology

Memory: 8GB max / PC3-12800 1600MHz DDR3, non-parity, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology

Optical SATA disk: DVD burner, 12.7mm high, fixed, not removable, tray-in

mSATA SSD: None

Widescreen display: Some: 14.0” (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

Camera: Some: HD720p resolution, wide angle view, low light sensitive, face tracking, fixed focus

Graphics: Intel HD Graphics 4000 in processor, supports dual independent display, 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)

Preloaded operating system: Genuine Windows 7 Professional 64

Ready to install applications: (only some listed)

- Rescue and Recovery
- Password Manager

Preloaded applications: (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 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)

Chipset
ExpressCard: Some: One slot (ExpressCard/34, ExpressCard/54)

Smart Card reader: Some: Smart Card reader

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)

PCle Mini Card
PCle WLAN: Two PCI Express Mini Card slots

PCle Mini Card: Some: 11a/b/g/n, PCiE Half Mini Card, Intel Centrino Wireless-N 2200, 2x2

PCle WLAN: Some: Wireless WAN upgradeable

Carrier: Some: User selectable, AT&T, Verizon, or Sprint, contract required with service provider

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

Fingerprint reader: Some: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip

Limited warranty: 2-year battery - depot repair service / service upgrades available

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(CD1-3) June 2012
### Product Specifications Reference (PSREF)

<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>Wide-screen display</th>
<th>Camera</th>
<th>Disk</th>
<th>SATA</th>
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<th>PCIe Mini Card WWAN/mSATA Carrier</th>
<th>Finger print reader</th>
<th>Blue-tooth cells</th>
<th>Global (G)</th>
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<td>6 G</td>
<td>Win8 Pro64</td>
<td>10/12</td>
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</tr>
</tbody>
</table>

### Limited warranty

- **3-years**/1-yr battery - depot repair service / service upgrades2 available

### A depot repair service 3-year limited warranty

**Positioning**

- Mainstream business performance; two spindles

**Processor**

- Intel® Core™ i5-3320M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology

**Memory**

- 8GB max / PC3-12800 1600MHz DDR3, non-parity, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology

**Optical SATA disk**

- DVD burner, 12.7mm high, fixed, not removable, tray-in

**Widescreen display**

- Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

**Camera**

- Some: 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; 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)

**Keyboard**

- 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

**TrackPoint®**

- TrackPoint® pointing device, Internet Scroll Bar®, magnifying glass

**Touch pad**

- UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

**ThinkLight®**

- None

**Dimensions**

- 14.0W" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

**Weight**

- 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**

- 6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): from 5.48 lb (2.49kg)

**Chipset**

- Mobile Intel HM76 Express Chipset

**ExpressCard**

- None

**Smart Card reader**

- 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 Slot**

- Two PCI Express Mini Card slots

**Pcie WLAN**

- Wireless LAN upgradable

**Carrier**

- None

**Modern**

- None

**Bluetooth™**

- 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 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

**Battery - life**

- 9-cell (94Whr): from 5.48 lb (2.49kg)

**Battery - type**

- Lithium Ion 6-cell or 9-cell, HW Authentication

**Case material**

- Acrylonitrile-Butadiene-Styrene (ABS) plastic

**Weight**

- 6-cell: from 5.11 lb (2.32kg); 9-cell: from 5.48 lb (2.49kg)

**Chipset**

- Mobile Intel HM76 Express Chipset

**ExpressCard**

- None

**Smart Card reader**

- 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 Slot**

- Two PCI Express Mini Card slots

**Pcie WLAN**

- Wireless LAN upgradable

**Carrier**

- None

**Modern**

- None

**Bluetooth™**

- 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 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**

- 3-years/1-yr battery - depot repair service / service upgrades available

---

**Preloaded operating system**

- Windows® 8 Pro 64-bit

**Preloaded applications**

- (only some listed)

- Lenovo® Message Center Plus
- ThinkVantage Product Recovery
- Access Connections
- ThinkVantage Power Manager
- Lenovo SimpleTap
- Adobe® Reader
- Corel® WinDVD® (DVD±RW)
- Corel DVD MovieFactory™ Lenovo Edition (DVD±RW)

**Windows 8 models**

- Lenovo Support
- Lenovo Companion
- Lenovo QuickLaunch
- 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)
- Skype™

**Supports ThinkVantage technologies**

- 65-watt AC adapter
- EPEAT™ Gold rating
- ENERGY STAR® 5.0-compliant
- GREENGUARD® certified
- RoHS-compliant
- International Warranty Service (24 hour x 7 day toll-free support during the warranty period)

For compatible accessories, please go to O-L430 sheet; For Lenovo service upgrade options, please go to QP-TA sheet.

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### ThinkPad L430 2465 (Windows 8) - II

#### Type-model: Processor / Memory / Disk / WLAN / PClé Mini Card / Preload / Ann Date (mm/yy)

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<th>PClé Mini Card WWAN/ mSATA</th>
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#### Preloaded operating system:
- Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
- Some: Windows 8 Pro 64-bit

#### Preloaded applications (only some listed)

- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo QuickLaunch
  - PC Device Stage
  - Cyberlink PowerGo (DVD:RW)
  - Cyberlink PowerProducer (DVD:RW)

- Windows 7 models
  - Lenovo Message Center Plus
  - ThinkVantage Product Recovery
  - Access Connections™
  - ThinkVantage Power Manager
  - Lenovo SimpleTap
  - Adobe Reader®
  - Corel WinDVD® (DVD:RW)

- All models
  - Lenovo Solution Center
  - Password Manager
  - ThinkVantage System Update
  - FingerPrint Software (fingerprint models)
  - Lenovo Cloud Storage
  - Microsoft® Office preloaded
  - purchase a product key to activate
  - Skype™

#### Chipset

- Mobile Intel HM76 Express Chipset
- One slot (ExpressCard/34, ExpressCard/54)

#### Smart Card reader

- 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)

#### PClé Mini Card

- Two PClé Express Mini Card slots
- 11a/b/g/n, PClé Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2

#### PClé WLAN

- Wireless WAN upgradable

#### Carrier

- None

#### Modern

- 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 3-years 1-y battery - depot repair service / service upgrades available

See footnotes for more detailed information © Lenovo

(CD1-12) February 2013
### ThinkPad L430 2465 (Optimus)

### Product Specifications Reference (PSREF)

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* A depot repair service 3-year limited warranty

**Positioning**

Mainstream business performance; two spindles

**Processor**

Intel® Core™ i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology

**Memory**

8GB max / 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

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™

**mSATa™ SSD**

None

**Widescreen display**

Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

**Camera**

HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

**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 independent:

Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 1920x1200@60Hz (single-link DVI-I via optional Mini DP cable); 2048x1536@85Hz (VGA)

**Keyboard**

6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

**TrackPoint® Touch pad**

UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

**ThinkLight™**

None

**Dimensions**

14.0W" (WxDxH): 13.94” x 9.57” x 1.17–1.24”; 354mm x 243mm x 29.6–31.4mm

**Weight**

6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg)

**Case material**

Acrylonitrile-Butadiene-Styrene (ABS) plastic

**Battery - type**

Lithium Ion 6-cell or 9-cell, HW Authentication

**Battery - life**

6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 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

**PCIe WLAN**

11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2

**Carrier**

None

**Modem**

None

**Bluetooth™**

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**

AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip

**Limited warranty**

3-years / 1-yr battery - depot repair service / service upgrades available

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See footnotes for more detailed information © Lenovo

(© Lenovo (CD1-4) June 2012)
<table>
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<th>PCIe Mini Card</th>
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<th>Finger print reader</th>
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<tr>
<td>2465-7DU</td>
<td>i7-3520M</td>
<td>4GBx2</td>
<td>14.0&quot; HD+</td>
<td>720p</td>
<td>180G SSD</td>
<td>Intel 6205</td>
<td>None</td>
<td>Express 54</td>
<td>Finger BT</td>
<td>9</td>
<td>Win7 Pro64</td>
<td>02/13</td>
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</tr>
<tr>
<td>2465-7CU</td>
<td>i7-3520M</td>
<td>4GBx1</td>
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<td>720p</td>
<td>500G 7200</td>
<td>Intel 6205</td>
<td>None</td>
<td>Express 54</td>
<td>Finger BT</td>
<td>9</td>
<td>Win7 Pro64</td>
<td>02/13</td>
<td></td>
</tr>
</tbody>
</table>

- **A depot repair service 3-year limited warranty**

Positioning

Processor: Mainstream business performance; two spindles

Intel® Core™ i7-3520M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.60GHz), HT technology

Memory: 8GB max / 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

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

mSATA® SSD: None

Widescreen display:

Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio

Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio

Camera: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics: NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS™ 5400M, PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays;

Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 2048x1536@65Hz (VGA)

Keyboard: 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

TrackPoint® pointing device, Internet Scroll Bar®, magnifying glass

Touchpad: UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

ThinkLight®: None

Dimensions: 14.0W" (WxDxH): 13.94" x 9.57" x 1.17-1.24"; 354mm x 243mm x 29.6-31.4mm

Weight: 6-cell: from 5.16 lb (2.34kg); 9-cell: from 5.52 lb (2.51kg)

Case material: Acrylonitrile-Butadiene-Styrene (ABS) plastic

Battery - type: Lithium Ion 6-cell or 9-cell, HW Authentication

Battery - life: 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 hr

Chipset: Mobile Intel HM76 Express Chipset

ExpressCard: One slot (ExpressCard/34, ExpressCard/54)

Smart Card Reader: 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

PCIe WLAN: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2

Carrier: None

Modem: None

Bluetooth™: 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, TG 1.2-compliant

Fingerprint reader: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip

Preloaded operating system: - Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit

Preloaded applications: (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 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)

Supports ThinkVantage® technologies

90-watt AC adapter

EPEAT® Gold rating

ENERGY STAR® 5.0-compliant

GREENGUARD® certified

RoHS-compliant

International Warranty Service during the warranty period

For compatible accessories, please go to O-L430 sheet;

For Lenovo service upgrade options, please go to QP-TA sheet

Limited warranty: 3-years/1-yr battery - depot repair service / service upgrades available

See footnotes for more detailed information

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ThinkPad L430 2466 (Onsite)

Product Specifications Reference (PSREF)

See footnotes for more detailed information © Lenovo

See footnotes for more detailed information © Lenovo

· Some models are part of the Global Models Plus program with limited onsite 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 (3.0GHz), HT technology
Intel® Core™ i5-3360M processor (2 cores, 2.90GHz, 4MB cache), Intel HD Graphics 4000,
DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.0GHz), HT technology

Memory
8GB max / 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
Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable
removable, upgradable, Active Protection System™

mSATA SSD
None

Widescreen display
Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight,
200 nits, 400:1 contrast ratio
Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight,
250 nits, 16:9 aspect ratio, 400:1 contrast ratio

Camera
HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus

Graphics
Intel HD Graphics 4000 in processor,
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)

Keyboard
TrackPoint® pointing device, Internet Scroll Bar,13 pointing device, Internet Scroll Bar,13
touchpad below keyboard, Tap Zones, scrolling, multi-touch
UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

Dimensions
14.0W (WxHxD): 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 (2.94kg)

Battery - life
Lithium Ion 6-cell or 9-cell, HW Authentication
6-cell (57Whr): up to 7.5 hr; 9-cell (94Whr): up to 12.3 hr

Chipset
Mobile Intel HM76 Express Chipset

ExpressCard
One slot (ExpressCard/34, ExpressCard/54)

Smart card reader
Some: Smart Card reader

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)

PCle Mini Card
Two PCI Express Mini Card slots

PCle WLAN
Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2200, 2x2
11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6205, 2x2

PCle WWAN
Some: Wireless WAN upgradable
Some: Wireless WAN, Qualcomm® Gobi® 3000 chipset, PCIe Mini Card,

EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS

Carrier
Some: User selectable, AT&T®, Verizon®, or Sprint®, contract required with service provider

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 warranty12
3-years/1-year battery, limited onsite service14, 8 am - 5 pm, Mon - Fri coverage
excluding holidays, next business day response time / service upgrades22 available

Preloaded operating system23
Genuine Windows® 7
Professional 64

Ready to install applications14 (only some listed)
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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 DVD MovieFactory® Lenovo Edition (DVD:RW)

For Lenovo service22 upgrade options, go to O-L430 sheet;
For compatible accessories, please see some listed)
### ThinkPad L430 2466 (Onsite) - Windows 8

**Product Specifications Reference (PSREF)**

#### Type-model
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<th>Memory</th>
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<th>Camera</th>
<th>Disk</th>
<th>SATA</th>
<th>Cache</th>
<th>PCIe Mini Card WN/WLAN</th>
<th>PCIe Mini Card mSATA</th>
<th>Smart Card Reader Card slot</th>
<th>Finger print reader(s)</th>
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<th>Global (G)</th>
<th>Preload (mmyy)</th>
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<tbody>
<tr>
<td>2466-62U</td>
<td>i5-3520M</td>
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<td>720p</td>
<td>500G</td>
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<td>Finger BT 6 G P Win8 Pro64</td>
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<td>10/12</td>
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<td>2466-63U</td>
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<td>720p</td>
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<td>None</td>
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<td>3-years</td>
<td>10/12</td>
<td></td>
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<td>i5-3520M</td>
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<td>720p</td>
<td>500G</td>
<td>7200</td>
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<td>None</td>
<td>None</td>
<td>Finger BT 6 G P Win8 Pro64</td>
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<td>3-years</td>
<td>10/12</td>
<td></td>
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<td>i5-2520M</td>
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<td>2466-6U</td>
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<td>10/12</td>
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<td>10/12</td>
<td>3-years</td>
<td>10/12</td>
<td></td>
</tr>
</tbody>
</table>

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

#### Preloaded operating system
- Windows 7 models
  - Lenovo® Message Center Plus
  - ThinkVantage Product Recovery
  - Access Connections™
  - ThinkVantage Power Manager
  - Lenovo SimpleTap™
  - Bluetooth® Reader™
  - Corel® WinDVD® (DVD:RW)
  - Corel DVD MovieFactory® Lenovo Edition (DVD:RW)

- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo QuickLaunch
  - 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
- SugarSync
- Microsoft® Office preloaded; purchase a product key to activate
- Skype™

**Supports ThinkVantage® technologies**

- 65-watt AC adapter
- EPEAT® Gold rating
- ENERGY STAR® 5.0-compliant
- GREENGUARD® certified
- RoHS-compliant
- International Warranty Service 24 hour x 7 day 8 toll-free support during the warranty period

For compatible accessories, please go to O-L430 sheet;
For Lenovo service upgrade options, please go to QP-TA sheet

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See footnotes for more detailed information

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<th>Camera</th>
<th>Disk</th>
<th>PCIe Mini Card</th>
<th>PCIe Mini Card WWAN</th>
<th>Card slot</th>
<th>Finger print reader</th>
<th>Bluetooth</th>
<th>Battery</th>
<th>Global (G)</th>
<th>Preload</th>
<th>Ann Date (mm/yy)</th>
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</thead>
<tbody>
<tr>
<td>2466-39U</td>
<td>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</td>
<td>8GB max / 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</td>
<td>14.0&quot; HD+</td>
<td>720p</td>
<td>500G</td>
<td>7200</td>
<td>None</td>
<td>Express 54</td>
<td>Finger</td>
<td>BT</td>
<td>9</td>
<td>No</td>
<td>Pro 64</td>
<td>06/12</td>
</tr>
</tbody>
</table>

**Memory**: 8GB max, 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. 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™.

**mSATA® SSD**: None.

**Widescreen display**: Some: 14.0" (355mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio. Some: 14.0" (355mm) HD+ (1600x900) color, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio. 400:1 contrast ratio.

**Camera**: HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus.

**Graphics**: NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA NVS® 5400M. PCI Express® x16, 1GB memory, supports external analog monitor via VGA DB-15 and digital monitor via Mini DisplayPort; supports three independent displays; Maximum external resolution: 2560x1600@60Hz (DisplayPort via optional Mini DP cable); 2048x1536@85Hz (VGA)

**Keyboard**: 6-row, 84-key, ThinkVantage button, spill-resistant, multimedia Fn keys

**TrackPoint®**: TrackPoint® pointing device, Internet Scroll Bar13, magnifying glass

**Touchpad**: UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling, multi-touch

**ThinkLight™**: None.

**Dimensions**: 14.0W* (WxDxH): 13.94" x 9.57" x 1.17–1.24"; 354mm x 243mm x 29.6–31.4mm

**Weight**: 6-cell: from 5.16 lb (2.34kg), 9-cell: from 5.52 lb (2.51kg)

**Case material**: Acrylonitrile-Butadiene-Styrene (ABS) plastic

**Battery - type**: Lithium ion 6-cell or 9-cell, HW Authentication

**Battery - life**: 6-cell (57Whr): up to 5.6 hr; 9-cell (94Whr): up to 9.3 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

**PCIe W澜®**: 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2

**Carrier**: None

**Modem**: None

**Bluetooth™**: 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**: AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, supports the security chip

**Limited warranty**: 3-years/1-year battery, limited onsite service®, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available

See footnotes for more detailed information © Lenovo (CD1-6) June 2012
## ThinkPad L430 Accessories

### Memory
- 2GB PC3-12800 DDR3 SODIMM: 0A65722
- 4GB PC3-12800 DDR3 SODIMM: 0A65723

### Storage and removable storage
- ThinkPad 16GB mSATA Solid State Cache Drive: 0B47309
- USB 2.0 Portable 500GB Hard Disk: 45K1690
- USB 3.0 Secure 500GB Hard Drive: 0A65619
- USB 3.0 Secure 750GB Hard Drive: 0A65616
- USB 3.0 Secure 1TB Hard Drive: 0A65621
- Lenovo Slim USB Portable DVD Burner: 0A33988
- Lenovo Slim USB Portable DVD Burner: 40Y7625

### ThinkPad Expansion
- Lenovo® Essential Notebook Stand: 45J9292
- ThinkPad Port Replicator Series 3 with USB 3.0: 433615W
- ThinkPad Mini Dock Series 3 - 90W: 433710U
- ThinkPad Mini Dock Plus Series 3 w/ USB 3.0 - 90W: 433815U
- ThinkPad Mini Dock Plus Series 3 w/ USB 3.0 - 170W: 433835U

### Keyboard
- TrackPoint Cap Collection: 73P2698
- Ultrathin Plus Wireless Keyboard and Mouse: 0A34032
- USB Numeric Keypad: 33L3225
- Preferred Pro USB Keyboard: 73P5220
- Enhanced Performance USB Keyboard: 73P6260
- ThinkPad USB Keyboard with TrackPoint: 58Y9003
- Lenovo® USB Fingerprint Keyboard: 73P4730
- Lenovo USB Smartcard Keyboard: 51J0155

### Multimedia
- ThinkPad In-Ear Headphones with microphone: 57Y4488

### Modem
- USB 2.0 Lenovo Modem: 43R1814

### Security
- 3M 14.0W Privacy Filter from Lenovo: 0A61769
- Kensington® MicroSaver® Cable Lock: 73P2582
- Kensington Twin Head Cable Lock: 45K1682
- Lenovo Security Cable Lock: 57Y4303
- USB Gemplus GemPC Smart Card Reader: 41N3040
- ExpressCard Gemplus Smart Card Reader: 41N3043

### Batteries
- ThinkPad Battery 70+ (6-cell): 0A36302
- ThinkPad Battery 70++ (9-cell): 0A36303
- ThinkPad 90W AC Adapter: 40Y7659

### Carrying Cases
- Lenovo Messenger Max: 41U5253
- ThinkPad Business Topload Case: 43R2474
- ThinkPad Deluxe Expandable Case: 43R2478

### Monitors
- ThinkVision LT1952p Wide: 2448MB6
- ThinkVision L2251x Wide: 2578MB6
- ThinkVision L2251x Wide: 2578MB6

### Monitor Accessories
- Lenovo Easy Reach Monitor Stand: 55Y9258

### Power Adapters
- 90W Ultraslim AC/DC Combo Adapter: 41R4493
- ThinkPad 90W AC Adapter: 40Y7659

### For more information on accessories:
- www.lenovo.com/accessoriesguide
- www.lenovoquickpick.com
- www.lenovopowertips.com

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