



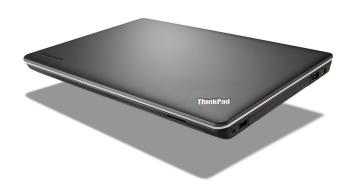
Lenovo® ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530 with Numeric Keypad (Matte black, Matte red or Matte blue)



Lenovo ThinkPad Edge E530



Lenovo ThinkPad Edge E530 without Numeric Keypad (Black aluminum)

## ThinkPad Edge E530 3259 (Intel) - T - withdrawn

| Type-model  | Procesor  | Momory    | Wide-<br>screen<br>display | Camera   | SA   | sk<br>ITA<br>rpm | PCle P<br>Mini Card<br>WLAN / BT | Cle Mini Ca<br>WWAN |          | Numeric<br>Keypad | Top color   | Finger<br>print | tery  | Preload | Ann<br>date         |
|-------------|-----------|-----------|----------------------------|----------|------|------------------|----------------------------------|---------------------|----------|-------------------|-------------|-----------------|-------|---------|---------------------|
| Type-Inouei | FIUCESSUI | weillol y | uispiay                    | Calliela | GD   | ipiii            | WLAN/DI                          | /m5AIA              | SIM card | Reypau            | TOP COIOI   | reauer          | CEIIS | Fieldau | (IIIIII/yy <i>)</i> |
| 3259-CBG    | i3-2350M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Prem 64 | 04/12               |
| 3259-CAG    | i3-2350M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte red   | Finger          | 6     | Prem 64 | 04/12               |
| 3259-79G    | i3-2350M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Pro 64  | 04/12               |
| 3259-7AG    | i5-2450M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Pro 64  | 04/12               |
| 3259-CGG    | i5-2520M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Pro 64  | 04/12               |
| 3259-9WG    | i3-2370M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte red   | Finger          | 6     | Prem 64 | 05/12               |
| 3259-9XG    | i3-2370M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Pro 64  | 05/12               |
| 3259-9ZG    | i3-2370M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Prem 64 | 05/12               |
| 3259-HMG    | i3-2330M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Prem 64 | 05/12               |
| 3259-HKG    | i3-2330M  | 4GBx1     | 15.6" HD                   | 720p     | 500G | 7200             | Intel 2230 + BT                  | None                | None     | Numpad            | Matte black | Finger          | 6     | Pro 64  | 05/12               |
| 3259-HQG    | i3-2370M  | 4GBx1     | 15.6" HD-                  | - 720p   | 500G | 7200             | Intel 2230 + BT                  | Ericsson            | Lenovo   | Numpad            | Matte black | Finger          | 6     | Pro 64  | 07/12               |

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

| Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-2330M processor (dual-core, 2.20GHz, 3MB Cache),  DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2350M processor (dual-core, 2.30GHz, 3MB Cache),  DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2370M processor (dual-core, 2.40GHz, 3MB Cache),  DDR3 memory controller (up to 1333MHz), HT technology Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache),  DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache),  DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-2500M processor (dual-core, 2.50GHz, 3MB Cache), | Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  Ready to install applications¹⁴ (only some listed)  One Key Recovery Pro Preloaded applications¹⁴ (only some listed) |
|---|--|---|
| •   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets<br>* System automatically clocks down for processors with 1333MHz DDR3 memory controller  | Access Connections™     TrueSuite Fingerprint Software (includes password manager   |
| SATA disk   | DVD burner, 12.7mm high, fixed, not removable, tray-in<br>Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high,<br>removable, upgradable, Active Protection System™  | function) ThinkVantage System Update ThinkVantage Power Manager ThinkVantage Tools  |
| Widescreen<br>display                                       | None  15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator  | Lenovo SimpleTap     Norton™ Internet Security 2012 (30 days of virus definitions)     Adobe® Reader®     Skype™ for Windows     Corel® WinDVD® (DVD±RW)  |
| Graphics  | Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz  | Corel Burn.Now™ Lenovo Édition (DVD±RW)     Corel DVD MovieFactory® Lenovo Edition (DVD±RW)   |
| TrackPoint®<br>Touchpad                                     | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None  |   |
| Dimensions <sup>3</sup>                                     | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm   |   |
| Case color<br>Case material<br>Battery - type <sup>37</sup> | 6-cell: from 5.4 lb (2.45kg); Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 6-cell 6-cell (48Whr): up to 5.7 hr   |   |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports         | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  |   |
| PCIe Mini Card<br>WLAN <sup>4</sup>                         | Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,  |   |
|   | GPRS/WCDMA/HSPA/HSPA+, GPS  Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required  |   |
| Modem   | None Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card   | Supports ThinkVantage® technologies   |
| Ethernet<br>Audio support                                   | Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack   | 65-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant  |
| Security chip   | Power-on password, hard disk password, supervisor password, security keyhole None UPEK Fingerprint reader on palm rest, swipe sensor   | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support   |
| Limited warranty <sup>12</sup>                              | 1-year - depot repair service / service upgrades <sup>22</sup> available   | during the warranty period <sup>12</sup>  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe F<br>Mini Card<br>WLAN / BT | PCIe Mini C<br>WWAN<br>/mSATA |      | Numeric<br>Keypad | Top color   | Finger E<br>print t<br>reader c | ery | Preload ( | Ann<br>date<br>mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|----------------------------------|-------------------------------|------|-------------------|-------------|---------------------------------|-----|-----------|-----------------------|
| 3259-9UG   | B960      | 2GBx1  | 15.6" HD                   | 0.3M   | 320G 5400                           | TP 11b/g/n + B                   | T None                        | None | Numpad            | Matte black | Finger                          | 6   | Prem 64   | 04/12                 |
| 3259-9VG   | B960      | 4GBx1  | 15.6" HD                   | 0.3M   | 500G 5400                           | TP 11b/g/n + B                   | T None                        | None | Numpad            | Matte black | Finger                          | 6   | Prem 64   | 04/12                 |
| 3259-HPG   | B970      | 4GBx1  | 15.6" HD                   | 720p   | 320G 5400                           | Intel 2230 + BT                  | None                          | None | Numpad            | Matte black | Finger                          | 6   | Prem 64   | 05/12                 |
| 3259-HNG   | B970      | 4GBx1  | 15.6" HD                   | 720p   | 500G 5400                           | Intel 2230 + BT                  | None                          | None | Numpad            | Matte black | Finger                          | 6   | Prem 64   | 05/12                 |
| 3259-HHG   | i3-2328M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                  | None                          | None | Numpad            | Matte black | Finger                          | 6   | Prem 64   | 08/12                 |
| 3259-HGG   | i3-2328M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                  | None                          | None | Numpad            | Matte black | Finger                          | 6   | Pro 64    | 08/12                 |
| 3259-MUG   | i3-2328M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                  | None                          | None | Numpad            | Matte black | Finger                          | 6   | DOS-Lic.  | 08/12                 |

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

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® B960 processor (2 cores, 2.20GHz, 2MB Cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Pentium B970 processor (2 cores, 2.30GHz, 2MB Cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz) Intel Core™ i3-2328M processor (2 cores, 2.20GHz, 3MB Cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology | Preloaded operating system <sup>20</sup> - Some: DOS-Lic Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  Ready to install applications <sup>14</sup>         |
|--|---|--|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets<br>* System automatically clocks down for processors with 1333MHz DDR3 memory controller   | (Windows 7 models; only some listed)  One Key Recovery Pro   |
| Optical<br>SATA disk   | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™   | Preloaded applications¹⁴ (Windows 7 models; only some listed) • Access Connections™ • TrueSuite Fingerprint Software   |
| mSATA™ SSD   | None  | (includes password manager   |
| Widescreen<br>display<br>Camera  | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>Some: Camera on top of screen, 0.3-megapixel, fixed focus<br>Some: HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | function) ThinkVantage System Update ThinkVantage Power Manager ThinkVantage Tools   |
| Graphics   | Intel HD Graphics or Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz   | <ul> <li>Lenovo SimpleTap</li> <li>Norton™ Internet Security 2012 (30 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Skype™ for Windows</li> <li>Corel® WinDVD® (DVD±RW)</li> </ul> |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   | <ul> <li>Corel Burn.Now™ Lenovo Edition<br/>(DVD±RW)</li> <li>Corel DVD MovieFactory® Lenovo<br/>Edition (DVD±RW)</li> </ul>   |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  | Microsoft Office preloaded;<br>purchase a product key to activate  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.4 hr   |  |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |  |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,  Wi Fi - Plustoeth combo adapter, 2x2   |  |
| WWAN   | Wi-Fi + Bluetooth combo adapter, 2x2<br>None  | Supports ThinkVantage® technologies  |
| Modem<br>Bluetooth™<br>Ethernet<br>Audio support   | None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  | 65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models)   |
|  | Power-on password, hard disk password, supervisor password, security keyhole None UPEK Fingerprint reader on palm rest, swipe sensor  | RoHS-compliant<br>International Warranty Service <sup>17</sup><br>24 hour x 7 day <sup>18</sup> toll-free support  |
| Limited warranty <sup>12</sup>   | 1-year - depot repair service / service upgrades <sup>22</sup> available  | during the warranty period <sup>12</sup>   |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe P<br>Mini Card<br>WLAN / BT | Cle Mini C<br>WWAN<br>/mSATA |      | Numeric<br>Keypad | Top color   | Finger<br>print<br>reader | tery | Preload | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|----------------------------------|------------------------------|------|-------------------|-------------|---------------------------|------|---------|------------------------|
| 3259-7CG   | i7-3612QM | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + B                   | Т                            | None | Numpad            | Matte black | Finger                    | 6    | Pro 64  | 05/12                  |
| 3259-A2G   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + B                   | T 16GB                       | None | Numpad            | Matte black | Finger                    | 6    | Pro 64  | 06/12                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (quad-core, 2.10GHz, 6MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology | Preloaded operating system <sup>20</sup> - Genuine Windows 7 Professional 64 Ready to install applications <sup>14</sup> (only  |
|--|--|---|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets   | Some listed)     One Key Recovery Pro   |
| Optical<br>SATA disk   | DVD burner, 12.7mm high, fixed, not removable, tray-in 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)  • Access Connections™  • TrueSuite Fingerprint Software  |
| mSATA™ SSD   | Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot  | (includes password manager  |
| Widescreen<br>display<br>Camera  | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | function)  ThinkVantage System Update ThinkVantage Power Manager  |
| Graphics   | Intel HD Graphics 4000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz  | <ul> <li>ThinkVantage Tools</li> <li>Lenovo SimpleTap</li> <li>Norton™ Internet Security 2012         (30 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Skype™ for Windows</li> </ul> |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None  | Skype <sup>™</sup> for Windows     Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition (DVD±RW)     Corel DVD MovieFactory® Lenovo   |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm   | Edition (DVD±RW)  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg); Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium lon 6-cell 6-cell (62Whr): up to 7.5 hr   |   |
| Chipset  | Mobile Intel HM77 Express Chipset  |   |
| ExpressCard<br>Multicard Reader<br>Ports   | None<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Three USB 3.0, one USB 2.0 (powered),<br>external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |   |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2  |   |
| WWAN<br>Modem<br>Bluetooth™  | None None Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card  | Supports ThinkVantage® technologies   |
| Ethernet<br>Audio support  | Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack   | 65-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant  |
| Security<br>Security chip<br>Fingerprint reader  | Power-on password, hard disk password, supervisor password, security keyhole None UPEK Fingerprint reader on palm rest, swipe sensor   | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support   |
|  | 1-year - depot repair service / service upgrades <sup>22</sup> available   | during the warranty period <sup>12</sup>  |
|  |  |   |

See footnotes for more detailed information WE model(s) announced May 1 or June 5, 2012 US model(s) withdrawn effective December 31, 2013

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Dis<br>SAT<br>GB <sup>®</sup> | ГА   | PCIe P(<br>Mini Card<br>WLAN / BT | Cle Mini Ca<br>WWAN<br>/mSATA |        | Numeric<br>Keypad | Top colo | Finger<br>print<br>reader |   |    |            | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------|------|-----------------------------------|-------------------------------|--------|-------------------|----------|---------------------------|---|----|------------|------------------------|
| 3259-LZG   | Pen B980  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 5400 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 62 | Win8 64    | 10/12                  |
| 3259-M9G   | i7-3632QM | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 62 | Win8 Pro64 | 10/12                  |
| 3259-MBG   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | 16GB                          | None   | Numpad            | Black    | Finger                    | 6 | 62 | Win8 Pro64 | 10/12                  |
| 3259-MFG   | i3-3110M  | 4GBx1  | 15.6" HD                   | + 720p | 500G                          | 7200 | Intel 2230 + BT                   | Ericsson                      | Lenovo | Numpad            | Black    | Finger                    | 6 | 48 | Win8 64    | 10/12                  |
| 3259-MGG   | i3-3110M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Red      | Finger                    | 6 | 48 | Win8 64    | 10/12                  |
| 3259-MHG   | i3-3110M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 48 | Win8 64    | 10/12                  |
| 3259-MJG   | i3-2328M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 48 | Win8 64    | 10/12                  |
| 3259-MKG   | i3-2328M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 48 | Win8 Pro64 | 10/12                  |
| 3259-TFG   | i3-3110M  | 4GBx1  | 15.6" HD                   | 720p   | 500G                          | 7200 | Intel 2230 + BT                   | None                          | None   | Numpad            | Black    | Finger                    | 6 | 48 | Win8 Pro64 | 10/12                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® B980 processor (2 cores, 2.40GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1333MHz)   | Preloaded operating system <sup>20</sup> - Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit  |
|--|---|--|
|  | Intel Core™ i3-2328M processor (2 cores, 2.20GHz, 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 i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology | Preloaded applications <sup>14</sup> (only some listed)  • Lenovo Support  • Lenovo Companion  • Lenovo Mobile Access  • Lenovo Cloud Storage  • Password Manager  • Fingerprint Software (fingerprint |
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets<br>* System automatically clocks down for processors with 1333MHz DDR3 memory controller   | models)  ThinkVantage System Update  Norton™ Internet Security   |
| Optical<br>SATA disk   | DVD burner, 12.7mm high, fixed, not removable, tray-in<br>Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high,<br>removable, upgradable, Active Protection System™   | <ul><li>(30 days of virus definitions)</li><li>Microsoft Office preloaded;<br/>purchase a product key to activate</li></ul>  |
| mSATA™ SSD Widescreen display Camera   | Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot  Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | • Skype™   |
| Graphics   | Intel HD Graphics, Intel HD Graphics 3000 or Intel HD Graphics 4000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI <sup>TM</sup> (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz   |  |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   |  |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg); Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr   |  |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset<br>None<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Three USB 3.0, one USB 2.0 (powered),<br>external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |  |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN  | Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,   |  |
| SIM card   | GPRS/WCDMA/HSPA/HSPA+, GPS Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required  |  |
| Modem<br>Bluetooth™  | None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card   | Supports ThinkVantage® technologies  |
| Ethernet<br>Audio support  | Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  | 65-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant   |
| Security Security chip Fingerprint reader  | Power-on password, hard disk password, supervisor password, security keyhole None  UPEK Fingerprint reader on palm rest, swipe sensor   | RoHS-compliant<br>International Warranty Service <sup>17</sup>   |
|  | 1-year - depot repair service / service upgrades <sup>22</sup> available  | 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>   |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCle P<br>Mini Card<br>WLAN / BT | Cle Mini C<br>WWAN<br>/mSATA | ard<br>SIM card | Numeric<br>Keypad | Top color   | print  | Bat-<br>tery<br>cells |        | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|----------------------------------|------------------------------|-----------------|-------------------|-------------|--------|-----------------------|--------|------------------------|
| 3259-BOG   | i5-2450M  | 4GBx1  | 15.6" HD                   | 720n   | 750G 5400                           | Intel 2230 + B                   | T None                       | None            | Numnad            | Matte black | Finger | 6                     | Pro 64 | 04/12                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-2450M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology  | Preloaded operating system <sup>20</sup> - Genuine Windows 7 Professional 64  |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|
| Memory   | 16GB max <sup>7</sup> / 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 applications <sup>14</sup> (only some listed)  One Key Recovery Pro  |  |  |  |  |  |  |
| Optical<br>SATA disk<br>mSATA™ SSD   | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None   | Preloaded applications <sup>14</sup> (only some listed)  • Access Connections <sup>TM</sup>   |  |  |  |  |  |  |
| Widescreen<br>display<br>Camera  | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | TrueSuite Fingerprint Software (includes password manager function) ThinkVantage System Update  |  |  |  |  |  |  |
| Graphics   | NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 3000 in processor, and NVIDIA GeForce® GT 630M, PCI Express® x16, 2GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz | <ul> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Tools</li> <li>Lenovo SimpleTap</li> <li>Norton™ Internet Security 2012 (30 days of virus definitions)</li> <li>Adobe® Reader®</li> </ul> |  |  |  |  |  |  |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None  | Skype™ for Windows     Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition (DVD±RW)     Corel DVD MovieFactory® Lenovo   |  |  |  |  |  |  |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm   | Edition (DVD±RW)  |  |  |  |  |  |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.47 lb (2.48kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.5 hr   |   |  |  |  |  |  |  |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  |   |  |  |  |  |  |  |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN  | Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None   |   |  |  |  |  |  |  |
| Modem<br>Bluetooth™  | None Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card   | Supports ThinkVantage® technologies   |  |  |  |  |  |  |
| Ethernet<br>Audio support  | Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack   | 90-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant  |  |  |  |  |  |  |
| Security Security chip Fingerprint reader  | Power-on password, hard disk password, supervisor password, security keyhole None UPEK Fingerprint reader on palm rest, swipe sensor   | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support   |  |  |  |  |  |  |
| Limited warranty <sup>12</sup>   | 1-year - depot repair service / service upgrades <sup>22</sup> available   | during the warranty period <sup>12</sup>  |  |  |  |  |  |  |

See footnotes for more detailed information WE model(s) announced April 10, 2012 US model(s) withdrawn effective December 31, 2013

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>8</sup> rpm | Mini Card       | le Mini C<br>WWAN<br>/mSATA |      | Numeric<br>d Keypad | Top color   | Finger I<br>print<br>reader o | tery | tery |         | Ann<br>date<br>mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|-----------------|-----------------------------|------|---------------------|-------------|-------------------------------|------|------|---------|-----------------------|
| 3259-C2G   | i7-3612QM | 4GBx1  | 15.6" HD+                  | 720p   | 750G 5400                           | Intel 2230 + BT | 16GB                        | None | Numpad              | Matte blue  | Finger                        | 6    | 62   | Prem 64 | 05/12                 |
| 3259-HJG   | i5-3210M  | 4GBx1  | 15.6" HD+                  | 720p   | 500G 7200                           | Intel 2230 + BT |                             | None | Numpad              | Matte black | Finger                        | 6    | 48   | Pro 64  | 06/12                 |
| 3259-A3G   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | Intel 2230 + BT | 16GB                        | None | Numpad              | Matte red   | Finger                        | 6    | 62   | Prem 64 | 06/12                 |
| 3259-A4G   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | Intel 2230 + BT |                             | None | Numpad              | Matte black | Finger                        | 6    | 48   | Pro 64  | 06/12                 |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (quad-core, 2.10GHz, 6MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology  | Preloaded operating system <sup>20</sup> - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  |
|--|---|--|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets  | Ready to install applications <sup>14</sup> (only some listed)   |
| Optical<br>SATA disk<br>mSATA™ SSD   | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot   | One Key Recovery Pro     Preloaded applications <sup>14</sup> (only some listed)   |
| Widescreen<br>display  | Some: 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio   | Access Connections™     TrueSuite Fingerprint Software (includes password manager function)     ThinkVantage System Update ThinkVantage System Update  |
| Camera<br>Graphics   | HD720p resolution, face track, low light sensitive, fixed focus, LED indicator  NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and  NVIDIA GeForce® GT 630M, PCI Express® x16, 2GB memory, DirectX® 11,  NVIDIA PureVideo® HD technology,  External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz | ThinkVantage Power Manager     ThinkVantage Tools     Lenovo SimpleTap     Norton™ Internet Security 2012     (30 days of virus definitions)     Adobe® Reader®     Skype™ for Windows     Corel® WinDVD® (DVD±RW) |
| Keyboard   | Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad  | <ul> <li>Corel Burn.Now™ Lenovo Edition</li> </ul>   |
| TrackPoint <sup>®</sup><br>Touchpad<br>ThinkLight™   | TrackPoint pointing device, Internet Scroll Bar <sup>13</sup> UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None  | (DVD±RW) • Corel DVD MovieFactory® Lenovo Edition (DVD±RW)   |
| Dimensions <sup>3</sup>  | Matte black, Matte red or Matte blue (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.47 lb (2.48kg)  Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic  Lithium Ion 6-cell  6-cell (48Whr): up to 5.5 hr  6-cell (62Whr): up to 7.3 hr   |  |
| Chipset<br>ExpressCard   | Mobile Intel HM77 Express Chipset None  |  |
| Multicard Reader<br>Ports  | A-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  |  |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots<br>11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,<br>Wi-Fi + Bluetooth combo adapter, 2x2   |  |
| WWAN<br>Modem  | None<br>None  |  |
| Bluetooth™<br>Ethernet   | Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card<br>Realtek® RTL8111F Gigabit Network Connection   | Supports ThinkVantage® technologies  |
| Audio support<br>Security  | High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/<br>Stereo digital microphone, combo audio/mic jack<br>Power-on password, hard disk password, supervisor password, security keyhole  | 90-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant<br>RoHS-compliant   |
| Security chip  | None<br>UPEK Fingerprint reader on palm rest, swipe sensor  | International Warranty Service <sup>17</sup>   |
|  | <sup>2</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available   | 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>   |
|  | * *   |  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | Mini Card       | le Mini C<br>WWAN<br>/mSATA |      | Numeric<br>d Keypad |       | Finger<br>print<br>reader | tery | tery |            | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|-----------------|-----------------------------|------|---------------------|-------|---------------------------|------|------|------------|------------------------|
| 3259-M3G   | i7-3632QM | 4GBx2  | 15.6" HD+                  | 720p   | 750G 5400                           | Intel 2230 + BT | 16GB                        | None | Numpad              | Black | Finger                    | 6    | 62   | Win8 Pro64 | 10/12                  |
| 3259-MAG   | i7-3632QM | 4GBx2  | 15.6" HD+                  | 720p   | 1TB 5400                            | Intel 2230 + BT | 16GB                        | None | Numpad              | Blue  | Finger                    | 6    | 62   | Win8 64    | 10/12                  |
| 3259-MCG   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | Intel 2230 + BT | 16GB                        | None | Numpad              | Red   | Finger                    | 6    | 62   | Win8 64    | 10/12                  |
| 3259-MDG   | i5-3210M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | Intel 2230 + BT | None                        | None | Numpad              | Black | Finger                    | 6    | 48   | Win8 Pro64 | 10/12                  |
| 3259-MEG   | i5-3210M  | 4GBx1  | 15.6" HD+                  | 720p   | 500G 7200                           | Intel 2230 + BT | None                        | None | Numpad              | Black | Finger                    | 6    | 48   | Win8 Pro64 | 10/12                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology | Preloaded operating system <sup>20</sup> - Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications <sup>14</sup> (only some listed)   |
|--|--|---|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets   | Lenovo Support     Lenovo Companion   |
| Optical<br>SATA disk<br>mSATA™ SSD   | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot  | <ul> <li>Lenovo Cloud Storage</li> <li>Password Manager</li> <li>Fingerprint Software (fingerprint models)</li> </ul>   |
| Widescreen<br>display  | Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator  | <ul> <li>ThinkVantage System Update</li> <li>Norton™ Internet Security         <ul> <li>(30 days of virus definitions)</li> </ul> </li> <li>Microsoft Office preloaded;         purchase a product key to activate</li> </ul> |
| Graphics   | NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M, PCI Express® x16, 2GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz   | • Skype™  |
| Keyboard   | Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad   |   |
| TrackPoint®<br>Touchpad<br>ThinkLight™   | TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   |   |
| Dimensions <sup>3</sup>  | Matte black, Matte red or Matte blue (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm   |   |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.47 lb (2.48kg)  Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic  Lithium Ion 6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr   |   |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  |   |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN  | Two PCI Express Mini Card slots 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 None   |   |
| Modem Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reader                      | None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None **UPEK Fingerprint reader on palm rest, swipe sensor**  | Supports ThinkVantage® technologies  90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support                                     |
| Limited warranty"  | 1-year - depot repair service / service upgrades <sup>22</sup> available   | during the warranty period <sup>12</sup>  |

| Type-model Processor Memory | Wide-<br>screen<br>display Can | Disk<br>SATA<br>nera GB <sup>®</sup> rpm | Mini Card       | Cle Mini Card<br>WWAN<br>/mSATA SIM card | Numeric<br>Keypad | Top color   | Finger Bat-<br>print tery<br>reader cells | Ann<br>date<br>Preload (mm/yy) |
|-----------------------------|--------------------------------|--|-----------------|--|-------------------|-------------|---|--------------------------------|
| 3259-HLG i5-3210M 4GBx1     | 15.6" HD 72                    | 20p 500G 7200                            | Intel 2230 + BT | None None                                | Numpad            | Matte black | Finger 6                                  | DOS-Lic. 06/12                 |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology                                     | Preloaded operating system <sup>20</sup> - DOS-Lic.   |
|--|---|---|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets  |   |
| Optical<br>SATA disk<br>mSATA™ SSD   | DVD burner, 12.7mm high, fixed, not removable, tray-in<br>Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high,<br>removable, upgradable, Active Protection System™<br>None   |   |
| Widescreen<br>display<br>Camera  | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator  |   |
| Graphics   | Intel HD Graphics 4000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz |   |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   |   |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  |   |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg); Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr  |   |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |   |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots<br>11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230,<br>Wi-Fi + Bluetooth combo adapter, 2x2   |   |
| WWAN<br>Modem<br>Bluetooth™  | None None Bluetooth 4.0 wireless, integrated in WLAN PCIe Mini Card   | Supports ThinkVantage® technologies   |
| Ethernet<br>Audio support  | Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  | 65-watt AC adapter<br>EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant                                      |
| Security Security chip Fingerprint reader  | Power-on password, hard disk password, supervisor password, security keyhole None UPEK Fingerprint reader on palm rest, swipe sensor  | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support |
| Limited warranty <sup>12</sup>   | 1-year - depot repair service / service upgrades <sup>22</sup> available  | during the warranty period <sup>12</sup>  |

See footnotes for more detailed information WE model(s) announced June 5, 2012 US model(s) withdrawn effective December 31, 2013

|                         |             |                  | Wide-<br>screen                              |           | Disk<br>SATA               | PCle P<br>Mini Card                                 | Cle Mini Ca<br>WWAN   | ard                    | Numeric     | Тор         |                     | r Bat- Ba<br>tery te |                                 | Ann<br>date     |
|-------------------------|-------------|------------------|--|-----------|----------------------------|---|-----------------------|------------------------|-------------|-------------|---------------------|----------------------|---------------------------------|-----------------|
| Type-model              | Processor   | Memory           |  | Camera    | GB <sup>8</sup> rpm        | WLAN / BT   |                       | SIM card               |             |             |                     |                      |                                 | (mm/y           |
| 6272-3MG                |             |                  |  |           |                            | TP 11b/g/n + BT                                     |                       |                        |             |             |                     |                      |                                 |                 |
| 8272-3LG                |             |                  |  |           |                            | TP 11b/g/n + BT                                     |                       |                        |             |             | U                   |                      |                                 |                 |
| 272-3KG                 |             | 4GBx1            | 15.6" HD+                                    |           |                            | TP 11b/g/n + BT                                     |                       |                        |             |             |                     |                      | Win8 Pro64                      |                 |
| 272-3JG<br>272-3FG      |             |                  | 15.6" HD+<br>15.6" HD+                       |           |                            | ) TP 11b/g/n + BT<br>) TP 11b/g/n + BT              |                       |                        |             |             | U                   |                      | Win8 Pro64<br>Win7 Pro64        |                 |
| 272-37G                 |             |                  | 15.6" HD+                                    |           |                            | TP 11b/g/n + BT                                     |                       |                        |             |             |                     |                      | Win7 Pro64                      |                 |
| 272-36G                 |             |                  | 15.6" HD+                                    |           |                            | TP 11b/g/n + BT                                     |                       |                        |             |             | U                   |                      | Win7 Pro64                      |                 |
| 272-29G                 | i7-3632QM   |                  |  | 720p      | 500G 7200                  | Intel 2230 + BT                                     | None                  | None                   |             |             |                     |                      | Win7 Pro64                      |                 |
| 272-28G                 |             | 4GBx1            | 15.6" HD                                     | 720p      | 500G 7200                  | Intel 2230 + BT                                     | 16GB                  | None                   | Numpad      | Black       | Fing                | 6 62                 | Win7 Pro64                      | 10/12           |
| 272-27G                 |             |                  | 15.6" HD                                     | 720p      |                            | Intel 2230 + BT                                     | None                  | None                   |             |             |                     |                      | Win7 Pro64                      |                 |
| 6272-26G                |             | 4GBx1            | 15.6" HD                                     | 720p      |                            | Intel 2230 + BT                                     | None                  | None                   |             |             |                     |                      | Win7 Pro64                      |                 |
| 272-8HG                 | 17-3032QIVI | 4GDX1            | וס.ס חט                                      | 720p      | 500G 720C                  | Intel 2230 + BT                                     | None                  | None                   | Numpau      | DIACK       | Filig               | 0 40                 | Win7 Pro64                      | 04/1            |
| No 111 1                | 0           | 1-1-111          | -1 -1 1 1                                    | U l'4     |                            |   | MDto                  |                        |             |             |                     |                      |                                 |                 |
| ositioning<br>rocessor  |             |                  |  |           |                            | and reliability for SI<br>, <b>2.20GHz, 3MB c</b> a |                       |                        |             | Pre         | loade               | d opera              | ating system                    | 1 <sup>20</sup> |
| 10065501                |             |                  |  |           |                            | , <b>2.20GHz, 3MB Ca</b><br>HT technology           | iche), inte           | i no Grap              | JIIICS 3000 | י, ן - י    |                     |                      | vs® 7 Profess<br>nstalled throu |                 |
|                         |             |                  |  |           |                            | .40GHz, 3MB cach                                    | ne), Intel F          | ID Graph               | ics 4000,   |             |                     |                      | ade rights in                   | igii            |
|                         |             |                  |  |           |                            | HT technology                                       | -> 1-4-111            | ID 0                   | 4000        |             |                     |                      | vs 8 Pro 64-b                   |                 |
|                         | Inte        | Core Is          | ry controlle                                 | cessor    | (2 cores, 2                | <b>50GHz, 3MB cach</b><br>Intel Turbo Boost 2       | 1 <b>e)</b> , Intel H | שו Graphi<br>אר אד לבו | chnology    | - S         | ome:                | Windov               | vs 8 Pro 64-b                   | it              |
|                         |             |                  |  |           |                            | 2.10GHz, 6MB cad                                    |                       |                        |             |             |                     | d appli              | <b>cations</b> (only            | some            |
|                         | DDF         | ₹3 memo          | ry controlle                                 | r (up to  | 1600MHz),                  | ntel Turbo Boost 2                                  | .0 (3.10GF            | ∃z), HT ṫe             | chnology    | liste       |                     | vs 7 mc              | ndole                           |                 |
|                         |             |                  |  |           |                            | 2.20GHz, 6MB cad                                    |                       |                        |             |             |                     |                      | ctions <sup>™</sup>             |                 |
| 1                       |             |                  |  | _ ` '     | ,-                         | ntel Turbo Boost 2                                  | .0 (3.20GF            | 1z), HT te             | cnnology    | <b>⊣•</b> T | hinkVa              | antage I             | Power Manag                     | ger             |
| /lemory                 |             |                  |  |           | IHz DDR3, r<br>oin SO-DIMN |   |                       |                        |             |             |                     | antage -             |                                 |                 |
|                         |             |                  |  |           |                            | essors with 1333M                                   | Hz DDR3               | memory o               | controller  |             |                     | Simple<br>Reade      |                                 |                 |
| ptical                  |             |                  |  |           | , not remova               |   |                       |                        |             | <b>ا</b> آ  | dobc                | ricado               |                                 |                 |
| SATA disk               | Hard        | Disk Dr          | ive / SATA                                   | 3.0Gb/s,  | 2.5" wide, 7               | mm or 9.5mm higl                                    | n,                    |                        |             |             |                     | vs 8 mc              |                                 |                 |
| nSATA™ SS               |             |                  |  |           | rotection Sys              |   | المام امير            |                        |             |             |                     | Suppor               |                                 |                 |
|                         |             |                  |  |           |                            | D), via PCIe Mini C                                 | ard Slot              |                        |             |             |                     |                      | Access                          |                 |
| Videscreen<br>display   |             |                  |  |           |                            | or, anti-glare,<br>00:1 contrast ratio              |                       |                        |             |             |                     |                      | Storage                         |                 |
| aispiay                 |             |                  |  |           |                            | l <b>or</b> , anti-glare,                           |                       |                        |             | ١.          |                     |                      |                                 |                 |
| _                       | LED         | backligh         | it, 220 nits,                                | 16:9 as   | pect ratio, 50             | 00:1 contrast ratio                                 |                       |                        |             |             | II mod              |                      | System Upda                     | ıto             |
| Camera                  | HD7         | 20p reso         | lution, face                                 | track, lo | ow light sens              | sitive, fixed focus, L                              | .ED indicat           | tor                    |             |             |                     |                      | et Security                     | iic             |
| Graphics                |             |                  |  |           |                            | cs 4000 in proces                                   |                       |                        |             | (3          | 30 day              | s of viru            | us definitions)                 | )               |
|                         |             |                  |  |           |                            | I-15 connector and<br>ng HDCP to output             |                       | content):              |             |             | kype <sup>†</sup> \ |                      | a prolocidad:                   |                 |
|                         |             |                  | l independe                                  |           |                            | ig TIDOF to output                                  | protected             | content),              |             |             |                     |                      | e preloaded;<br>duct key to a   | ctivate         |
|                         | Max         | external         | resolution:                                  | 2048x1    | 536 (VGA)@                 | 75Hz; 1920x1200                                     | (HDMI)@               | 60Hz                   |             |             | aronac              | oc a pro             | addi key to a                   | olivato         |
| Keyboard                |             |                  |  |           |                            | resistant, multime                                  | dia Fn keys           | s, numerio             | keypad      |             |                     |                      |                                 |                 |
| FrackPoint®             |             |                  |  |           | net Scroll Ba              |   |                       |                        |             |             |                     |                      |                                 |                 |
| 「ouchpad<br>「hinkLight™ |             |                  | riae toucnp                                  | ad belov  | v keyboard,                | Tap Zones, multi-to                                 | oucn                  |                        |             |             |                     |                      |                                 |                 |
| Dimensions <sup>6</sup> |             |                  | or Matte rec                                 | l (top):  | 15.6W" (W                  | xDxH): 14.84" x 9.6                                 | 65" x 1.16-           | -1.39";                |             |             |                     |                      |                                 |                 |
|                         |             |                  |  |           | 377 x 245r                 | nm x 29.5-35.3mm                                    |                       |                        |             |             |                     |                      |                                 |                 |
| Veight²<br>Case color   |             |                  | 5.4 lb (2.45l<br>or Matte red                |           | immed with                 | a thin silver band (                                | side). blac           | k hottom               |             |             |                     |                      |                                 |                 |
| Case materi             |             |                  | or Matte rec                                 |           |                            | e-Butadiene-Styrer                                  |                       |                        |             |             |                     |                      |                                 |                 |
| Battery - typ           |             | um Ion 6         |  |           | -                          | •   | , , ,                 |                        |             |             |                     |                      |                                 |                 |
| Battery - life          |             |                  | <i>r):</i> up to 5.7<br><i>r):</i> up to 7.5 |           |                            |   |                       |                        |             |             |                     |                      |                                 |                 |
| Chipset                 | Mob         | ile Intel        | HM77 Exp                                     |           | ipset                      |   |                       |                        |             | $\dashv$    |                     |                      |                                 |                 |
| ExpressCar              |             |                  | (MANAC CD                                    | CDLIC     | CDVC)                      |   |                       |                        |             |             |                     |                      |                                 |                 |
| ∕lulticard Re<br>Ports  |             |                  | (MMC, SD<br>.0, one US                       |           |                            |   |                       |                        |             |             |                     |                      |                                 |                 |
| 0.10                    | exte        | rnal mon         | itor (VGA D                                  | )B-15, H  | DMI), ether                | net (RJ-45)   |                       |                        |             |             |                     |                      |                                 |                 |
| Cle Mini C              |             |                  | ress Mini C                                  |           |                            | , , ,   |                       |                        |             |             |                     |                      |                                 |                 |
| WLAN <sup>4</sup>       | Son         | <i>ne:</i> 11b/g | g/n, PCIe H                                  | alf Mini  | Card, Thinkl               | Pad 11b/g/n, 1x1, V                                 |                       |                        | lapter      |             |                     |                      |                                 |                 |
|                         | Son         |                  |  |           |                            | entrino® Wireless-I                                 | N 2230, 2x            | 2,                     | -           |             |                     |                      |                                 |                 |
| WWAN                    | Con         |                  | / BT comb                                    |           |                            | Mobile Broadband                                    | Modulo P              | Cla Half N             | Aini Card   |             |                     |                      |                                 |                 |
| ****                    | 3011        |                  |  |           | ISPA+, GPS                 |   | iviouule, F           | OIE HAIH IN            | ııııı Oaiu, |             |                     |                      |                                 |                 |
| SIM card                | Son         |                  |  |           |                            | -as-vou-go via cred                                 | dit card no           | contract               | required    |             |                     |                      |                                 |                 |

Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required

Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card

High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole

Realtek® RTL8111F Gigabit Network Connection

Supports ThinkVantage® technologies

65-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹²

Fingerprint reader UPEK Fingerprint reader on palm rest, swipe sensor

Limited warranty<sup>12</sup> 1-year - depot repair service / service upgrades<sup>22</sup> available

None

SIM card

Bluetooth™

Audio support

Modem

Ethernet

Security

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe PC<br>Mini Card<br>WLAN / BT | le Mini C<br>WWAN<br>/mSATA |      | Numeric<br>Keypad |       | print | Bat- Bat-<br>tery tery<br>cells /Wh |           | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|-----------------------------------|-----------------------------|------|-------------------|-------|-------|-------------------------------------|-----------|------------------------|
| 6272-6LG   | i5-3210M  | 4GBx1  | 15.6" HD+                  | 720p   | 128G SSD                            | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win7 Pro6 | 64 12/12               |
| 6272-6KG   | i3-3110M  | 4GBx1  | 15.6" HD                   | 720p   | 128G SSD                            | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win7 Pro6 | 64 12/12               |
| 6272-6JG   | i3-3110M  | 4GBx1  | 15.6" HD                   | 720p   | 128G SSD                            | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win8 64   | 12/12                  |
| 6272-65G   | i3-2348M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win8 Pro6 | 64 01/13               |
| 6272-64G   | i3-2348M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win7 Pro6 | 64 01/13               |
| 6272-63G   | i3-2348M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | Intel 2230 + BT                   | None                        | None | Numpad            | Black | Fing  | 6 48                                | Win8 64   | 01/13                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles 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 i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology | Preloaded operating system <sup>20</sup> - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit - Some: Windows 8 Pro 64-bit |
|--|---|---|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets<br>* System automatically clocks down for processors with 1333MHz DDR3 memory controller   | Preloaded applications (only some listed)   |
| Optical<br>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  Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™  All: removable, upgradable   | - Windows 7 models  • Access Connections™  • ThinkVantage Power Manager  • ThinkVantage Tools   |
| mSATA™ SSD   | None  | Lenovo SimpleTap     Adobe® Reader®   |
| Widescreen<br>display<br>Camera  | Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | - Windows 8 models  - Lenovo Support  - Lenovo Companion  - Lenovo Cloud Storage  |
| Graphics   | Intel HD Graphics 3000 or Intel HD Graphics 4000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz  | - All models  • ThinkVantage System Update  • Norton™ Internet Security (30 days of virus definitions)  |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   | Skype <sup>TM</sup> Microsoft Office preloaded; purchase a product key to activate  |
| Dimensions <sup>3</sup>  | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  |   |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr   |   |
| Chipset  | Mobile Intel HM77 Express Chipset   |   |
| ExpressCard<br>Multicard Reader<br>Ports   | None<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Three USB 3.0, one USB 2.0 (powered),<br>external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  |   |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots<br>11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2,<br>Wi-Fi / BT combo adapter  |   |
| WWAN<br>SIM card   | None<br>None  |   |
| Modem<br>Bluetooth™  | None<br>Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card   | Supports ThinkVantage® technologies   |
| Ethernet   | Realtek® RTL8111F Gigabit Network Connection  | 65-watt AC adapter  |
| Audio support  | High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/<br>Stereo digital microphone, combo audio/mic jack  | EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant  |
| Security Security chip   | Power-on password, hard disk password, supervisor password, security keyhole None   | RoHS-compliant '  |
| Fingerprint reader   | UPEK Fingerprint reader on palm rest, swipe sensor  | International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support  |
| Limited warranty <sup>12</sup>   | 1-year - depot repair service / service upgrades <sup>22</sup> available  | during the warranty period <sup>12</sup>  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Dis<br>SAT<br>GB <sup>®</sup> r | Ά    | PCIe<br>Mini Card<br>WLAN / BT |    | Cle Mini Ca<br>WWAN<br>/mSATA |        | Numeric<br>Keypad |       | Finger<br>print<br>reader | tery | tery |            | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|---------------------------------|------|--------------------------------|----|-------------------------------|--------|-------------------|-------|---------------------------|------|------|------------|------------------------|
| 6272-3HG   | i7-3612QM | 4GBx2  | 15.6" HD-                  | + 720p | 750G 5                          | 5400 | TP 11b/g/n +                   | ВТ | Ericsson                      | Lenovo | Numpad            | Black | Fing                      | 6    | 62   | Win7 Pro64 | 10/12                  |
| 6272-3GG   | i7-3612QM | 4GBx1  | 15.6" HD-                  | + 720p | 500G 7                          | 7200 | TP 11b/g/n +                   | BT | Ericsson                      | Lenovo | Numpad            | Black | Fing                      | 6    | 62   | Win7 Pro64 | 10/12                  |
| 6272-3AG   | i5-3210M  | 8GBx1  | 15.6" HD-                  | + 720p | 750G 5                          | 5400 | TP 11b/g/n +                   | ВТ | Ericsson                      | Lenovo | Numpad            | Black | Fing                      | 6    | 48   | Win7 Pro64 | 10/12                  |
| 6272-39G   | i5-3210M  | 4GBx1  | 15.6" HD-                  | + 720p | 750G 5                          | 5400 | TP 11b/g/n +                   | BT | Ericsson                      | Lenovo | Numpad            | Black | Fing                      | 6    | 48   | Win7 Pro64 | 10/12                  |
| 6272-38G   | i5-3210M  | 4GBx1  | 15.6" HD-                  | + 720p | 500G 7                          | 7200 | TP 11b/g/n +                   | ВТ | Ericsson                      | Lenovo | Numpad            | Black | Fing                      | 6    | 48   | Win7 Pro64 | 10/12                  |

| Postloning Processor and Processor (a cores, 2-506Hz, 3MB catche), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology for the Core 7-58120M processor (4 cores, 2-106Hz, 6MB catche), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology for the Core 7-58120M processor (4 cores, 2-106Hz, 6MB catche), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology for the Core 7-58120M processor (4 cores, 2-106Hz, 6MB catche), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.106Hz), HT technology for the Core 7-58120M processor (4 cores, 2-106Hz, 6MB catche), Intel HD Graphics 4000, Intel HD Graphics 4000, Intel HD Graphics 4000, Intel HD Graphics 4000, Intel HD Graphics 4000 in processor, and MVIDIA General State (1600MHz), 200 intel HD Graphics 4000 in processor, and MVIDIA General Graphics 4000 in processor, and MVIDIA G  |   |   |  |
|---|---|---|--|
| Memory  16GB max* / PC3-12800 1690Mt 20JR3, non-parity, dual-channel capable, two 204-pin SO-DilmM sockets  Optical  DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Driver / SATA 30,06%; 2.5* wilder, 7mm or 9.5mm high, removable, upgradable, Active Protection System™  More  Widescreen  display  ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  Some: 15.6* (396mm) HD (100x90) color, anti-glare, ED backlight, 220 nits, 163 aspect ratio, 500:1 contrast ratio  NUDIA Purvideo* HD technology, anti-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA Purvideo* HD technology, 200x100 in processor, and NVIDIA Purvideo* HD technology, 200x10 in processor, and NVIDIA Purvideo* HD technology, 200x100 in pr   |   | Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (4 cores, 2.10GHz, 6MB cache), Intel HD Graphics 4000. | Windows® 7 Professional 64<br>preinstalled through downgrade<br>rights in Windows 8 Pro 64-bit                             |
| Optical SATA disk STATA disk DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Driver (SATA 3, 306b)s, 2.5 "wide, 7mm or 9 5mm high, removable, upgradable, Active Protection System" None Widescreen display ED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio North-minister some some some some some some some some  | Memory  |   | some listed)   |
| Widescreen display Some: 15.6" (396mm) HD (1366x768) color, anti-glare, display LED backlight, 220 nits, 16:9 aspect ratio, 5001: contrast ratio Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 1220 nits, 16:9 aspect ratio, 5001: contrast ratio some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 1220 nits, 16:9 aspect ratio, 5001: contrast ratio some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 1220 nits, 16:9 aspect ratio, 5001: contrast ratio some some properties of the technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA Pure Video® HD technology. External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA) ® 75Hz; 1920x1200 (HDMI) ® 60Hz 2 (30 days of virus definitions) (Adobe® Reader® 1 Stype³ NVIDIA Pure Video® HD technology. External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA) ® 75Hz; 1920x1200 (HDMI) ® 60Hz 2 (30 days of virus definitions) (Adobe® Reader® 1 Stype³ NVIDIA Pure Video® HD technology. External monitor support via analog VGA DB-15; 6 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA) ® 75Hz; 1920x1200 (HDMI) ® 60Hz 2 (30 days of virus definitions) (NUD1+RW) (TrackPoint pointing device, Internet Scroll Bar¹ TrackPoint pointing device, Internet Scro   | SATA disk   | 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)  • Access Connections™   |
| Nrton Max external resolution (Pot Express) x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, PCI Express x16, 1GB memory, DirectX°11, NVIDIA GeForce 610M, NVIDI  | display   | LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio   | (includes password manager function) ThinkVantage System Update ThinkVantage Power Manager ThinkVantage Tools              |
| Matte black, Matte red or Matte blue (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad   TrackPoint®   TrackPoint pointing device, Internet Scroll Bar¹³   TrackPointing Definition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defition (DVD±RW)   Microsoft Office preloaded; purchase a product key to activate Defiti   | Graphics  | Intel HD Graphics 4000 in processor, and  NVIDIA GeForce® 610M, PCI Express® x16, 1GB memory, DirectX® 11,  NVIDIA PureVideo® HD technology,  External monitor support via analog VGA DB-15 connector / digital HDMI connector                                      | Norton™ Internet Security 2012<br>(30 days of virus definitions)     Adobe® Reader®     Skype™     Corel® WinDVD® (DVD±RW) |
| TrackPoint pointing device, Internet Scroll Bar¹³ Trouchpad ThinkLight™ Dimensions³  Matte black, Matte red or Matte blue (top): 15.6W" (WxDxH): 14.84* x 9.65* x 1.16-1.39*; 377 x 245mm x 29.5-35.3mm  6-cell: from 5.47 lb (2.48kg) Case color Case material Battery - tyle¹⁰ 6-cell: from 5.47 lb (2.48kg) Battery - life¹⁰ 6-cell (48Whr): up to 5.5 hr 6-cell (48Whr): up to 5.5 hr 6-cell (48Whr): up to 5.3 hr Chipset ExpressCard Multicard Reader Ports  Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card WLAN³ WLAN³ WLAN³ WWAN WIND Card Modem Bluetooth™ Bluetooth (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None Security Security chip None Immediately blue (top): 15.6W" (WxDxH): 14.84* x 9.65* x 1.16-1.39*; 377 x 245mm x 29.5-35.3mm  6-cell: from 5.47 lb (2.48kg) Activate red or Matte blue (top): trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell Activate red or Matte blue (top): trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell Battery - life¹⁰ 6-cell: from 5.47 lb (2.48kg) Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell Battery - life¹⁰ 6-cell (48Whr): up to 5.5 hr 6-cell (48Whr): up t   | Keyboard  |   | (DVD±RW)   |
| Dimensions³ Matte black, Matte red or Matte blue (top): 15.6 M" (Wx0xH): 14.84* y 9.65* x 1.16-1.39*; 377 x 245mm x 29.5-35.3mm  Weight² 6-cell: from 5.47 lb (2.48kg) Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Activation of Case material Battery - type³ (decell) and the black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Activation of Case material Battery - type³ (decell) and the black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Activation of Case material Case material Battery - type³ (decell) and the black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Activation of Case material Case material Battery - type³ (decell) and the black, Matte red or Matte black, Matte red or Matte black (ABS) plastic Battery - type³ (decell) and the black, Matte red or Matte black, Matte red or Matte black, Matte red or Matte black, Battery and the black battery and the black battery and the black battery and the black battery and the black, Battery - type³ (decell) and the black, Matte red or Matte black, Battery and the black battery and the silver band (side); black bottom Activation and the black battery and the black battery and the silver band (side); black bottom Activation and the black battery and the black battery and the silver band (side); black bottom Activate ba   | Touchpad  | TrackPoint pointing device, Internet Scroll Bar¹³<br>UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch  | Edition (DVD±RW)  • Microsoft Office preloaded;  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> Battery - life <sup>10</sup> Chipset ExpressCard Multicard Reader Ports  PCIe Mini Card WLAN⁴ WWAN  PCIE Spress Mini Card, GPRS/WCDM/HSPA/HSPA+, GPS SIM card Modem Bluetooth¹¹M Bluetooth¹¹M Bluetooth¹¹M Bluetooth¹¹M Bluetooth¹¹M Bluetooth¹ A.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek's RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Security Security Fingerprint reader UPEK Fingerprint reader on palm rest, swipe sensor  Limited warranty¹² 1-year - depot repair service / service upgrades²² available  Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Actylonitile-Butadene-Styrene (ABS) plastic Lithium lon 6-cell 6-cell (48Whr); up to 7.3 hr 6-cell (62Whr); | Dimensions <sup>3</sup>                                     |   | , , ,  |
| ExpressCard Multicard Reader Ports  None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card WLAN <sup>4</sup> WWAN  PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter WWAN  Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS  SIM card Modem None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Ethernet Realtek® RTL8111F Gigabit Network Connection Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole None Fingerprint reader UPEK Fingerprint reader on palm rest, swipe sensor  Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available  None  None Supports ThinkVantage® technologies 90-watt AC adapter EPEATIM Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>  | Case color<br>Case material<br>Battery - type <sup>37</sup> | 6-cell: from 5.47 lb (2.48kg) Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.5 hr  |  |
| WLAN⁴ Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS  SIM card Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required Modem None  Bluetooth™ Bluetooth™ Bluetooth ™ Realtek® RTL8111F Gigabit Network Connection Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  Security Security chip None Fingerprint reader Limited warranty¹² 1-year - depot repair service / service upgrades²² available  11b/g/n, PCIe Half Mini Card, GPS WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/+, GPS  Supports ThinkVantage® technologies  Supports ThinkVantage® technologies  90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹¹² 24 hour x 7 day¹® toll-free support during the warranty period¹²²   | ExpressCard<br>Multicard Reader                             | None<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Three USB 3.0, one USB 2.0 (powered),  |  |
| Modem Bluetooth™       None Bluetooth™ Bluetooth 4.0 wireless, integrated in WLAN PCle Half Mini Card       Supports ThinkVantage® technologies         Ethernet Audio support Audio support Stereo digital microphone, combo audio/mic jack       Realtek® RTL8111F Gigabit Network Connection       90-watt AC adapter         Security Security Chip Fingerprint reader       Power-on password, hard disk password, supervisor password, security keyhole None       ENERGY STAR® 5.0-compliant         Fingerprint reader       UPEK Fingerprint reader on palm rest, swipe sensor       International Warranty Service¹¹²         Limited warranty¹²       1-year - depot repair service / service upgrades²² available       during the warranty period¹²  | WLAN <sup>4</sup><br>WWAN                                   | 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCle Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS  |  |
| Ethernet Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole None Fingerprint reader UPEK Fingerprint reader on palm rest, swipe sensor Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available  Powatt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹® toll-free support during the warranty period¹²  | Modem   | None  | Cupports Think/ontogo® took :!:  |
| Addio support  High Definition (HD) Addio, Conexant 20671 codec 7 stereo speakers, 2 watt x 2/  Stereo digital microphone, combo audio/mic jack  Security Security chip None Fingerprint reader  Limited warranty¹²  1-year - depot repair service / service upgrades²² available  EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹¹ toll-free support during the warranty period¹²  | Ethernet  | Realtek® RTL8111F Gigabit Network Connection  |  |
| Fingerprint reader UPEK Fingerprint reader on palm rest, swipe sensor  Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available  Thermational warranty Service of 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>   | Security  | Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole  | EPEAT™ Gold rating<br>ENERGY STAR® 5.0-compliant<br>RoHS-compliant   |
| Limited warranty <sup>12</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available during the warranty period <sup>12</sup>  | Fingerprint reader  | UPEK Fingerprint reader on palm rest, swipe sensor  |  |
|   |   |   |  |

| Type-model | Processor | Memory | Wide<br>scree<br>displa | n       | 5     | Disk<br>SATA<br>8 rpm | PCIe<br>Mini Card<br>WLAN / BT | PCIe Mini Ca<br>WWAN<br>/mSATA | ard<br>SIM card | Numeric<br>Keypad | Top<br>color | Finger<br>print<br>reader |   |    |            | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|-------------------------|---------|-------|-----------------------|--------------------------------|--------------------------------|-----------------|-------------------|--------------|---------------------------|---|----|------------|------------------------|
| 6272-4QG   | i7-3632QM | 4GBx2  | 15.6" F                 | ID+ 720 | p 750 | G 5400                | Intel 2230 + BT                | 16GB                           | None            | Numpad            | Black        | Fing                      | 6 | 62 | Win7 Pro64 | 10/12                  |
| 6272-4AG   | i5-3210M  | 4GBx1  | 15.6" H                 | ID+ 720 | p 500 | G 7200                | Intel 2230 + BT                | None                           | None            | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-49G   | i5-3210M  | 4GBx1  | 15.6" H                 | ID 720  | p 750 | G 5400                | Intel 2230 + BT                | None                           | None            | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-3QG   | i7-3632QM | 4GBx2  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win8 Pro64 | 10/12                  |
| 6272-3PG   | i7-3612QM | 4GBx2  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win8 Pro64 | 10/12                  |
| 6272-3NG   | i7-3612QM | 4GBx1  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win8 Pro64 | 10/12                  |
| 6272-3EG   | i7-3632QM | 4GBx1  | 15.6" H                 | ID+ 720 | p 500 | G 7200                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-3DG   | i7-3632QM | 4GBx1  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-3CG   | i7-3632QM | 8GBx1  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-3BG   | i5-3210M  | 8GBx1  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-34G   | i7-3632QM | 4GBx1  | 15.6" H                 | ID 720  | p 750 | G 5400                | TP 11b/g/n + B                 | T None                         | None            | Numpad            | Black        | Fing                      | 6 | 48 | Win7 Pro64 | 10/12                  |
| 6272-33G   | i7-3632QM | 4GBx2  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 62 | Win7 Pro64 | 10/12                  |
| 6272-32G   | i7-3612QM | 4GBx2  | 15.6" H                 | ID+ 720 | p 750 | G 5400                | TP 11b/g/n + B                 | T Ericsson                     | Lenovo          | Numpad            | Black        | Fing                      | 6 | 62 | Win7 Pro64 | 10/12                  |

| Positioning<br>Processor   | Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i5-3210M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3612QM processor (4 cores, 2.10GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-3632QM processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology | Preloaded operating system <sup>20</sup> - 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 |
|--|---|--|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets   | listed) - Windows 7 models   |
| Optical<br>SATA disk<br>mSATA™ SSD   | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ Some: 16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot   | <ul> <li>Access Connections™</li> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Tools</li> <li>Lenovo SimpleTap</li> </ul>  |
| Widescreen<br>display  | Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD+ (1600x900) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | <ul> <li>Adobe® Reader®</li> <li>- Windows 8 models</li> <li>Lenovo Support</li> <li>Lenovo Companion</li> </ul>   |
| Graphics   | NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® GT 635M, PCI Express® x16, 2GB memory, DirectX® 11, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz  | <ul> <li>Lenovo Mobile Access</li> <li>Lenovo Cloud Storage</li> <li>All models</li> <li>ThinkVantage System Update</li> <li>Norton™ Internet Security<br/>(30 days of virus definitions)</li> </ul>     |
| Keyboard   | Matte black, Matte red or Matte blue (top): 6-row, spill-resistant,   | <ul> <li>Škype<sup>fM</sup></li> <li>Microsoft Office preloaded;</li> </ul>  |
| TrackPoint <sup>®</sup><br>Touchpad<br>ThinkLight™   | multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None   | purchase a product key to activate   |
| Dimensions <sup>3</sup>  | Matte black, Matte red or Matte blue (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39";  |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 377 x 245mm x 29.5-35.3mm 6-cell: from 5.47 lb (2.48kg) Matte black, Matte red or Matte blue (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 5.5 hr 6-cell (62Whr): up to 7.3 hr   |  |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | Mobile Intel HM77 Express Chipset None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |  |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Card slots  Some: 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1, Wi-Fi + BT combo adapter  Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2,  Wi-Fi / PT combo adapter   |  |
| WWAN   | Wi-Fi / BT combo adapter  Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS  |  |
| SIM card<br>Modem  | Some: Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required None  |  |
| Bluetooth™<br>Ethernet<br>Audio support  | Rolletooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  | Supports ThinkVantage® technologies 90-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant   |
|  | Power-on password, hard disk password, supervisor password, security keyhole None **UPEK Fingerprint reader on palm rest, swipe sensor**  1-year - depot repair service / service upgrades <sup>22</sup> available  | RoHS-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>                                      |

| Type-model Proce  | Wide-<br>screen<br>ssor Memory display Camera (  | SATA Mini   | Cle PCIe Mini C<br>Card WWAN<br>N / BT /mSATA   | ard<br>Numeric<br>Keypad  | Top color  | Micro-  | Finger Bat-<br>print tery<br>reader cells                    | Preload  | Ann<br>date          |  |
|---|--|---|---|---|--|---|--|--|----------------------|--|
|   |  | <u> </u>  |   |   | <u> </u>   |   |  |  | (mm/yy)              |  |
| 3366-3FG B960   |  | 20G 7200 Intel 22   |   |   | Black textured   | Stereo  |  | Win8 64  | 11/12                |  |
| 3366-4CG B960<br>3366-3WG i3-234  | •  | 20G 7200 Intel 22<br>00G 7200 Intel 22  |   |   | Black textured Black textured  | Mono<br>Mono  | None 6<br>None 6   | Win8 64<br>DOS-Lic.  | 12/12<br>01/13       |  |
| 3366-3VG i3-23  |  | 00G 7200 Intel 22   |   |   | Black textured   | Mono  | None 6   | Win8 64  | 01/13                |  |
| 3366-3UG i3-234   | •  |   |   |   | Black textured   | Mono  | None 6   | Win8 Pro6  |                      |  |
| 3366-3TG i5-252   |  |   |   |   | Black textured   | Mono  | None 6   | DOS-Lic.   | 12/12                |  |
| 3366-3SG i5-252   |  |   |   |   | Black textured   | Mono  | None 6   | Win8 64  | 12/12                |  |
| 3366-3RG i5-252   |  |   |   |   | Black textured   | Mono  | None 6   | Win8 Pro6  |                      |  |
| 3366-53G i3-312   |  |   |   |   | Black textured   | Mono  | None 6   | Win8 64  | 01/13                |  |
| 3366-52G i3-312   |  |   |   |   | Black textured   | Mono  | None 6   | DOS-Lic.   | 01/13                |  |
| 3366-4ZG i3-312   |  |   |   |   | Black textured   | Mono  | None 6   | Win8 Pro6  |                      |  |
| 3366-6CG B960   | 4GBx1 15.6" HD 720p 5  |   |   |   | Black textured   | Stereo  |  | Win8 64  | 03/13                |  |
| 3366-6FG i3-234   | 18M 4GBx1 15.6" HD 720p 5<br>32QM 4GBx1 15.6" HD 720p 5  |   |   |   | Black textured   | Stereo<br>Stereo  |  | DOS-Lic.<br>Win7 Pro6  | 04/13                |  |
|   | 32QM 4GBx1 15.6 HD 720p 50   |   |   |   | Black textured Black textured  | Stereo  |  | Win8 64  | 06/13                |  |
| 3300-7LG 17-300   | 52QW 4GBX1 15.0 HD 720p 5  | 00G 5400 IIIlei 22  | 230 + DT NOHE   | Numpau  | DIACK TEXTUTED   | Siereo  | None o   | VVIIIO 04  | 00/13                |  |
|   |  |   |   |   |  |   |  |  |                      |  |
| Positioning<br>Processor  | Sophisticated design with quality Intel® Pentium® B960 processor DDR3 memory controller (up to Intel Core™ i3-2348M processor DDR3 memory controller (up to Intel Core i3-3120M processor DDR3 memory controller (up to Intel Core i5-2520M processor DDR3 memory controller (up to Intel Core i7-3632QM processor DDR3 memory controller (up to | r (2 cores, 2.20GH<br>1333MHz)<br>rr (2 cores, 2.30GH<br>1333MHz), HT tech<br>(2 cores, 2.50GHz<br>(2 cores, 2.50GHz<br>(2 cores, 2.50GHz<br>1333MHz), Intel Tur<br>rr (4 cores, 2.20GH | Iz, 2MB cache),<br>Iz, 3MB cache),<br>Inology<br>z, 3MB cache), In<br>Inology<br>z, 3MB cache), In<br>Irbo Boost 2.0 (3.<br>Iz, 6MB cache), | Intel HD G<br>Intel HD G<br>Intel HD GI<br>Intel HD GI<br>20GHz), H<br>Intel HD G | Graphics,<br>Graphics 3000,<br>Fraphics 4000,<br>Fraphics 3000,<br>To technology<br>Graphics 4000, | - Som<br>- Som<br>- Som<br>- Som<br>Preloa<br>listed, 6   | downgra Windows e: Windows e: Windows ded applica exclude DO | . 7 Profess<br>stalled thro<br>de rights in<br>s 8 Pro 64-l<br>s 8 64-bit<br>s 8 Pro 64-l<br>ations (online) | sional<br>ugh<br>pit |  |
| Memory  | 16GB max <sup>7</sup> / PC3-12800 1600Ml   | ,·  | ,   |   |  |   | dows 7 mod<br>ess Connect                                    |  |                      |  |
| •   | dual-channel capable, two 204-p * System automatically clocks do   |   |   | DR3 mem   | ory controller   | Thinle  | kVantage Po<br>kVantage To                                   | ower Mana  | ger                  |  |
| Optical   | DVD burner, 12.7mm high, fixed,  | <u> </u>  |   |   |  |   | vo SimpleT   |  |                      |  |
| SATA disk   | Hard Disk Drive / SATA 3.0Gb/s,  |   |   |   |  | <ul> <li>Adol</li> </ul>  | oe® Reader®  |  |                      |  |
| 0.474.74.000  | removable, upgradable, Active Pr   | otection System™  |   |   |  | \A/:  |  | la la  |                      |  |
| mSATA™ SSD  | None   |   |   |   |  |   | lows 8 mod<br>ovo Support                                    |  |                      |  |
| Widescreen  | 15.6" (396mm) HD (1366x768) o  |   |   |   |  |   | ovo Support<br>ovo Compan                                    |  |                      |  |
| display<br>Camera   | LED backlight, 220 nits, 16:9 asp<br>HD720p resolution, face track, lo   |   |   | ndinator  |  |   | vo Cloud S   |  |                      |  |
|   |  |   | · · · · · · · · · · · · · · · · · · ·   |   |  |   |  |  |                      |  |
| Graphics  | Intel HD Graphics, Intel HD Graexternal analog monitor support digital monitor support via HDMI supports dual independent displa Max external resolution: 2048x15  | via VGA DB-15 cor<br>™ (supporting HDC<br>ay;   | nnector and<br>P to output prote  | ected conte   | ent);  | <ul> <li>All models (exclude DOS models)</li> <li>ThinkVantage System Update</li> <li>Norton™ Internet Security<br/>(30 days of virus definitions)</li> <li>Skype™</li> </ul> |  |  |                      |  |
| Keyboard  |  | , spill-resistant, mu   |   |   |  |   | osoft Office   |  |                      |  |
| TrackPoint®   | TrackPoint pointing device, Interr   |   | ,   | •   | ,,   |   | hase a prod  | uct key to a   | activate             |  |
| Touchpad  | UltraNav™, wide touchpad below   | keyboard, Tap Zor   | nes, multi-touch  |   |  | • Skyp  | e'™  |  |                      |  |
| ThinkLight™   | None   |   |   |   |  |   |  |  |                      |  |
| Dimensions <sup>3</sup>   | 377 x  | V" (WxDxH): 14.84<br>: 245mm x 29.5-35.   |   | 1.39";  |  |   |  |  |                      |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> | 6-cell: from 5.4 lb (2.45kg) Black textured (top); black botton Black textured (top): Acryle Lithium Ion 6-cell  | n<br>onitrile-Butadiene-S   | Styrene (ABS) pl  | astic   |  |   |  |  |                      |  |
| Battery - life <sup>10</sup>  | 6-cell (48Whr): up to 5.7 hr   |   |   |   |  |   |  |  |                      |  |
| Chipset   | Mobile Intel HM77 Express Chi  | ipset   |   |   |  |   |  |  |                      |  |
| ExpressCard   | None   | 00,40)  |   |   |  |   |  |  |                      |  |
| Multicard Reader<br>Ports   | 4-in-1 reader (MMC, SD, SDHC, Three USB 3.0, one USB 2.0 (pc   |   |   |   |  |   |  |  |                      |  |
| 1 0113  | external monitor (VGA DB-15, HI  |   | -45)  |   |  |   |  |  |                      |  |
| PCIe Mini Card  | Two PCI Express Mini Card slots  |   | -,  |   |  | 1   |  |  |                      |  |
| WLAN4   | 11b/g/n, PCIe Half Mini Card, Inte<br>Wi-Fi + Bluetooth combo adapter  | el Centrino® Wirele   | ss-N 2230,  |   |  |   |  |  |                      |  |
| WWAN  | None   | , _^_   |   |   |  | Suppor  | rts ThinkVar   | ntage® tech  | nologies             |  |
| Modem   | None   |   |   |   |  |   | t AC adapte  |  |                      |  |
| Bluetooth™  | Bluetooth 4.0 wireless, integrated   |   | alf Mini Card   |   |  | EPEAT™ Gold rating  |  |  |                      |  |
| Ethernet<br>Audio support   | Realtek® RTL8111F Gigabit Netw<br>High Definition (HD) Audio, Cone   |   | / staran snaakor  | e 2 watt v  | 2/   | (excl   | ude DOS m  | odels)   |                      |  |
| , ware support  | Stereo digital microphone or Mor   |   |   |   |  |   | GY STAR® 5   |  | nt                   |  |
| Security  | Power-on password, hard disk pa  |   |   |   | le   | RoHQ-   | lude DOS m<br>compliant                                      | ouels)   |                      |  |
| Security chip   | None   |   |   | itional Warra   | anty Service   | e <sup>17</sup>   |  |  |                      |  |
| Fingerprint reader  |  |   |   |   |  | 24 hou  | r x 7 day18 t  | oll-free sup   | port                 |  |
|   | 1-year - depot repair service / se   | rvice upgrades22 av   | /aılable  |   |  | durir   | ng the warra   | nty period <sup>1</sup>  | 2                    |  |
| 0 (   | ore detailed information   |   |   |   |  |   |  |  | @ Longvo             |  |

See footnotes for more detailed information

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| Type-model Proces  | Wide-<br>screen<br>ssor Memory display Came  | Disk<br>SATA<br>ra GB <sup>8</sup> rpm  | PCle PC<br>Mini Card<br>WLAN / BT           | le Mini C<br>WWAN | ard<br>Numeric<br>Keypad              | Top color      | Finger Bat- Ann Micro- print tery date phone readercells Preload (mm/yy)   |  |  |  |  |  |
|--|--|---|---|-------------------|---------------------------------------|----------------|--|--|--|--|--|--|
|  |  |   |   |                   |                                       |                |  |  |  |  |  |  |
|  | 0M 4GBx1 15.6" HD 720<br>8M 4GBx1 15.6" HD 720   |   | TP 11a/b/g/n + BT<br>Intel 2230 + BT        |                   | · · · · · · · · · · · · · · · · · · · | Black textured | Stereo None 6 Win7 Pro64 02/13<br>Stereo None 6 Win8 64 02/13  |  |  |  |  |  |
| 3366-67G 1000N   |  |   |   |                   |                                       |                | Stereo None 6 DOS-Lic. 02/13   |  |  |  |  |  |
| 3366-66G 1000N   |  |   | Intel 2230 + BT                             | None              |                                       |                | Stereo None 6 Win8 64 02/13  |  |  |  |  |  |
|  | 0M 4GBx1 15.6" HD 720  |   |   |                   | · · · · · · · · · · · · · · · · · · · |                | Stereo None 6 Win7 Pro64 02/13   |  |  |  |  |  |
| 3366-3EG 1000N   |  |   | Intel 2230 + BT                             |                   |                                       | Black textured |  |  |  |  |  |  |
|  | OM 4GBx1 15.6" HD 720<br>OM 4GBx1 15.6" HD 720   |   |   |                   |                                       |                | Stereo None 6 Win7 Pro64 05/13<br>Stereo None 6 Win8 64 05/13  |  |  |  |  |  |
| 3366-72G 2020N   |  |   |   |                   |                                       |                | Stereo None 6 Win8 64 05/13  |  |  |  |  |  |
|  | 0M 4GBx1 15.6" HD 720  | 500G 5400   | Intel 2230 + BT                             |                   |                                       |                | Stereo None 6 DOS-Lic. 05/13   |  |  |  |  |  |
|  | 0M 4GBx1 15.6" HD 720  |   |   |                   |                                       |                | Stereo None 6 Win8 64 09/13  |  |  |  |  |  |
| 3366-9DG 1005N   | 4GBx1 15.6" HD 720   | 500G 5400   | Intel 2230 + B1                             | ivone             | Numpad                                | Black textured | Stereo None 6 Win8 64 09/13  |  |  |  |  |  |
| Positioning<br>Processor   | aphics, aphics 3000, aphics 4000, aphics 4000, aphics 4000,  | Preloaded operating system <sup>20</sup> - Some: DOS-Lic Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit  Preloaded applications (only some listed, exclude DOS models) - Windows 7 models • Access Connections™ • ThinkVantage Power Manager • ThinkVantage Tools • Lenovo SimpleTap |   |                   |                                       |                |  |  |  |  |  |  |
| Memory   | DDR3 memory controller   | •   | ,·  | 2.0 (3.2)         | 0GHz), H1                             | technology     | Adobe® Reader®   |  |  |  |  |  |
|  | 16GB max <sup>7</sup> / PC3-12800 dual-channel capable, two System automatically clo   | 204-pin SO-DI   | MM sockets                                  | MHz DD            | R3 memo                               | ry controller  | - Windows 8 models  - Lenovo Support   |  |  |  |  |  |
| Optical<br>SATA disk   | DVD burner, 12.7mm high  |   |   | ah.               |                                       |                | Lenovo Companion     Lenovo Cloud Storage  |  |  |  |  |  |
| SAIA UISK  | Hard Disk Drive / SATA 3.1 removable, upgradable, Ac   |   |   | Jı,               |                                       |                | Lenovo Gloud Glorage   |  |  |  |  |  |
| mSATA™ SSD   | None   |   | -,  |                   |                                       |                | <ul> <li>All models (exclude DOS models)</li> <li>ThinkVantage System Update</li> <li>Norton™ Internet Security</li> </ul> |  |  |  |  |  |
| Widescreen   | 15.6" (396mm) HD (1366   |   |   |                   |                                       |                |  |  |  |  |  |  |
| display<br>Camera  | LED backlight, 220 nits, 10  |   |   |                   | licator                               |                | (30 days of virus definitions)   |  |  |  |  |  |
|  | HD720p resolution, face to   |   |   |                   |                                       | ooccor         | • Škype <sup>ŤM</sup>  |  |  |  |  |  |
| Graphics   | Intel HD Graphics, Intel external analog monitor si digital monitor support via supports dual independen Max external resolution: 2      | ipport via VGA<br>HDMI™ (suppo<br>t display;  | DB-15 connector an<br>orting HDCP to output | d<br>it protec    | ted conte                             |                | Microsoft Office preloaded;<br>purchase a product key to activate  |  |  |  |  |  |
| Keyboard<br>TrackPoint®<br>Touchpad<br>ThinkLight™   | Black textured (top):<br>TrackPoint pointing device<br>UltraNav™, wide touchpac<br>None  | Internet Scroll   |   |                   | numeric k                             | eypad          |  |  |  |  |  |  |
| Dimensions <sup>3</sup>  | Black textured (top):  |   | кН): 14.84" x 9.65" x<br>x 29.5-35.3mm      | 1.16-1.           | 39";                                  |                |  |  |  |  |  |  |
| Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup> | 6-cell: from 5.4 lb (2.45kg<br>Black textured (top); black<br>Black textured (top):<br>Lithium Ion 6-cell<br>6-cell (48Whr): up to 5.7 h | )<br>bottom<br>Acrylonitrile-B  | utadiene-Styrene (A                         | BS) plas          | stic                                  |                |  |  |  |  |  |  |
| Chipset  | Mobile Intel HM77 Expre  | ss Chipset  |   |                   |                                       |                |  |  |  |  |  |  |
| ExpressCard<br>Multicard Reader  | None<br>4-in-1 reader (MMC, SD, S  | DHC SDXC)   |   |                   |                                       |                |  |  |  |  |  |  |
| Ports  | Three USB 3.0, one USB   |   |   |                   |                                       |                |  |  |  |  |  |  |
|  | external monitor (VGA DB   | -15, HDMI), éth   | ernet (RJ-45)                               |                   |                                       |                |  |  |  |  |  |  |
| PCIe Mini Card<br>WLAN <sup>4</sup>  | Two PCI Express Mini Cal<br>Some: 11a/b/g/n, PCIe H<br>Wi-Fi + Bluetooth<br>Some: 11b/g/n, PCIe Hali                                     | alf Mini Card, T<br>combo adapter,<br>Mini Card, Inte   | 2x2<br>Il Centrino® Wireless                | -N 2230           | ,                                     |                |  |  |  |  |  |  |
| WWAN   | Wi-Fi + Bluetooth<br>None  | combo adapter,  | 2X2   |                   |                                       |                | Supports ThinkVantage® technologies  |  |  |  |  |  |
| Modem  | None   |   | NI DOL 11 " " " " - "                       |                   |                                       |                | 65-watt AC adapter   |  |  |  |  |  |
| Bluetooth™<br>Ethernet   | Bluetooth 4.0 wireless, int<br>Realtek® RTL8111F Gigal   |   |   | rd                |                                       |                | EPEAT™ Gold rating   |  |  |  |  |  |
| Audio support  | High Definition (HD) Audio   | , Conexant 206  | 371 codec / stereo sp                       |                   |                                       | 2/             | (exclude DOS models)   |  |  |  |  |  |
|  | Stereo digital microphone  | or Mono digital   | microphone, combo                           | audio/r           | nic jack                              |                | ENERGY STAR® 5.0-compliant<br>  (exclude DOS models)   |  |  |  |  |  |
| Security Security chip   | Power-on password, hard None   | disk password,  | supervisor passwor                          | a, secur          | ity keyhole                           | 9              | RoHS-compliant   |  |  |  |  |  |
| Fingerprint reader   |  |   |   |                   |                                       |                | International Warranty Service <sup>17</sup>   |  |  |  |  |  |
| 0 1  | 1-year - depot repair servi  | ce / service und  | rades <sup>22</sup> available               |                   |                                       |                | 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup>                                   |  |  |  |  |  |
|  | acra datailed information  |   | ,   |                   |                                       |                | , and and manage portion   |  |  |  |  |  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe<br>Mini Card<br>WLAN / BT |    | le Mini Ca<br>WWAN<br>/mSATA | ard<br>Numeric<br>Keypad | Top color   | Finger<br>print<br>reader | tery | Preload  | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|--------------------------------|----|------------------------------|--------------------------|-------------|---------------------------|------|----------|------------------------|
| 3260-5AG   | A6-4400M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | TP 11b/g/n + I                 | вт | None                         | Numpad                   | Matte black | Finger                    | 6    | Prem 64  | 06/12                  |
| 3260-5BG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | Prem 64  | 06/12                  |
| 3260-5VG   | A6-4400M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | Pro 64   | 06/12                  |
| 3260-7AG   | A6-4400M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | None     | 06/12                  |
| 3260-A8G   | A6-4400M  | 4GBx1  | 15.6" HD Glos              | 720p   | 750G 5400                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte red   | Finger                    | 6    | Prem 64  | 06/12                  |
| 3260-6QG   | A4-4300M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | Pro 64   | 07/12                  |
| 3260-6TG   | A4-4300M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | Prem 64  | 07/12                  |
| 3260-EMG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 320G 7200                           | TP 11b/g/n + I                 | ВТ | None                         | Numpad                   | Matte black | Finger                    | 6    | DOS-Lic. | . 10/12                |

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

| Memory    Memory   16GB max / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SC-DiMM sockets  |  |  |  |
|--|--|--|--|
| Memory 16GB max* / PG3-12800 1600MHz DD18, non-partly, Qual-channel capable, two 204-pin SC-DIMM sockets  Optical Optical ODVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 30.GGb/s, 2.5° wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None  Widescreen display Gisplay  Some: 15.6° (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 50:0:1 contrast ratio Franchisolate LED backlight, 220 nits, 16:9 aspect ratio, 50:0:1 contrast ratio Fraphics AMD Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor via VGA VGA DB-15 connector and digital monitor via VGA   |  | AMD Accelerated Processor A4-4300M (dual-core, 2.50GHz, 1MB L2 cache), integrated AMD Radeon HD 7420G Graphics, AMD Turbo Core technology (up to 3.00GHz), integrated DDR3 memory controller (up to 1600MHz)  AMD Accelerated Processor A6-4400M (dual-core, 2.70GHz, 1MB L2 cache), integrated AMD Radeon HD 7520G Graphics, AMD Turbo Core technology (up to 3.20GHz), integrated DDR3 memory controller (up to 1600MHz)  AMD Accelerated Processor A8-4500M (quad-core, 1.90GHz, 4MB L2 cache), integrated AMD Radeon HD 7640G Graphics, AMD Turbo Core technology (up to 2.80GHz), | - Some: No operating system - Some: DOS-Lic Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64  Ready to install applications¹⁴ (Windows 7 models; only some listed) |
| Optical SATA disk Drive / SATA 3 o.06/s, 2.5° wide, former novable, taysim Hard Disk Drive / SATA 3 o.06/s, 2.5° wide, former novable, upgradable, Active Protection System Windescreen display None  Widescreen display Some: 15.6° (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:3 aspect ratio, 50:01 contrast ratio Some: 15.6° (396mm) HD (1366x768) color, vibrant/lew (glossy), LED backlight, 220 nits, 16:3 aspect ratio, 50:01 contrast ratio Graphics  AMD Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via VGA DB-15 connector and digital monitor support via VGA DB-15 connector and digital monitor support via HDMI** (supporting HDCP to output protected content); supports dual independent display:  Max external resolution: 1920x1600 (VGA) @60Hz; 1920x1200 (HDMI) @60Hz  Keyboard TrackPoint; Dointing device, internet Scrotl Bar¹s UttraNav**, wide touchpad below keyboard, Tap Zones, multi-touch None  Weight Case color Case material Battery - tile®  Watte black or Matte red (top): 15.6W* (WxDxH): 14.84* x 9.65* x 1.16-1.39*; 377 x 245mm x 29.5-35.3mm  Amd D A70M FCH None  Modem Bluetooth**  None  Modem Bluetooth**  PCIe Mini Card WLAN** WWANA  Modem Bluetooth**  Bluetototh**  Bluetooth**  Bluetototh**  Bluetototh**  One PC Express Mini Card Solt  Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card WLAN* WWANA  Modem Bluetooth**  Bluetototh**  None  Bluetototh**  One PC Express Mini Card Solt  Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card WLAN* WWANA  None  Bluetototh**  None  Bluetototh**  One PC Express Mini Card solt  Think/antage Sost mutation of 50:01 contrast ratio  Supports Think/antage Tost Think/antage Texture (includes password, narrole disk password, narrole store transported to onto onto one dapter, 1x1  None  Difference of the process of the proces | Memory   |  | Preloaded applications <sup>14</sup>   |
| Widescreen display  Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 50.01 contrast ratio Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 50.01 contrast ratio Formal HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 50.01 contrast ratio Formal HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 50.01 contrast ratio Formal Amb Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via VGA DB-15 connector and v  | SATA disk  | Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™   | Access Connections™     TrueSuite Fingerprint Software (includes password manager  |
| AMD Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMP" (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 1920x1600 (VGA) @ 60Hz; 1920x1200 (HDMI) @ 60Hz  Keyboard Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch None  Dimensions³ Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  Weight² 6-cell: from 5.4 lb (2.45kg) Matte black or Matte red (top); trimmed with a thin silver band (side); black bottom Acrylontritile Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell 6-cell (48Whr): up to 6.0 hr  Chipset ExpressCard MLIII and Formal Multicard Reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  Che PCI Express Mini Card slot 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1 None None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card EPEPAT™ Gold rating (Windows 7 models) ENERGY STAP 5.0-compliant (Windows 7 models) ENERGY STAP 5.0-compliant International Warranty Service¹ 15 negerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor Limited warranty¹² 1-year - depot repair service / service upgrades²² available  | Widescreen<br>display  | Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) HD (1366x768) color, VibrantView (glossy), LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  | <ul> <li>ThinkVantage System Update</li> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Tools</li> <li>Lenovo SimpleTap</li> </ul>   |
| Keyboard<br>TrackPoint®<br>TrackPoint®<br>TrackPoint®<br>TrackPoint®<br>Touchpad<br>ThinkLight™         Matte black or Matte red (top):<br>Streep of the properties of the propertie             |  | AMD Radeon HD Graphics in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;   | (30 days of virus definitions)  • Adobe® Reader®  • Skype™  • Corel® WinDVD® (DVD±RW)  • Corel Burn.Now™ Lenovo Edition  |
| Weight² Case color Case material Battery - type³ Battery - life¹ Case color Case material Battery - type³ Battery - life¹ Case material B  | TrackPoint®<br>Touchpad  | TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch  | Corel DVD MovieFactory® Lenovo   |
| Weight²       6-cell: from 5.4 lb (2.45kg)         Case color       Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom         Case material Battery - tipe³²²       Battery - life¹⁰         Battery - life¹⁰       6-cell (48Whr): up to 6.0 hr         Chipset ExpressCard Multicard Reader Ports       AMD A70M FCH None         Ports       4-in-1 reader (MMC, SD, SDHC, SDXC)         Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)         PCIe Mini Card WLAN⁴ WANN None       11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1         Modem None       None         Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card       56-watt AC adapter         Ethernet Audio support       High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack       ENERGY STAR® 5.0-compliant (Windows 7 models)         Security Security chip Fingerprint reader       Power-on password, hard disk password, supervisor password, security keyhole None       RoHS-compliant (Windows 7 day¹® toll-free support during the warranty Service¹²         Limited warranty¹²       1-year - depot repair service / service upgrades²² available       4 vait A thin silver band (side); black bottom   | Dimensions <sup>3</sup>  |  |  |
| ExpressCard Multicard Reader Ports  None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)  PCIe Mini Card WLAN⁴ WWAN None Modem None Modem Bluetooth™ Bluetooth™ Bluetooth™ Bluetooth™ Realtek® RTL8111F Gigabit Network Connection Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Security Security chip Security chip Security reader Fingerprint reader Limited warranty¹²  1-year - depot repair service / service upgrades²² available  None  Supports ThinkVantage® technologies  Supports ThinkVantage® technolo  | Case color<br>Case material<br>Battery - type <sup>37</sup>                        | 6-cell: from 5.4 lb (2.45kg) Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Acrylonitrile-Butadiene-Styrene (ABS) plastic Lithium Ion 6-cell   |  |
| WLAN⁴ WWAN None  Modem Bluetooth™ Bluetooth 4.0 wireless, integrated in selected WLAN PCle Half Mini Card Ethernet Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole None Fingerprint reader Limited warranty¹²  1-year - depot repair service / service upgrades²² available  Supports ThinkVantage® technologies  Supports ThinkVantage® technologies  65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service¹¹ 24 hour x 7 day¹® toll-free support during the warranty period¹²   | ExpressCard<br>Multicard Reader  | None<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Three USB 3.0, one USB 2.0 (powered),   |  |
| Modem Bluetooth™ Bluetooth™ Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card       65-watt AC adapter EPEAT™ Gold rating (Windows 7 models)         Ethernet Realtek® RTL8111F Gigabit Network Connection Audio support High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack       (Windows 7 models)         Security       Power-on password, hard disk password, supervisor password, security keyhole None       RoHS-compliant International Warranty Service¹¹         Fingerprint reader       AuthenTec fingerprint reader on palm rest, swipe sensor       24 hour x 7 day¹¹⁵ toll-free support during the warranty period¹²²   | WLAN <sup>4</sup>  | 11b/g/n, PCle Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1   | Supports ThinkVantage® technologies  |
|  | Modem Bluetooth™ Ethernet Audio support  Security Security chip Fingerprint reader | None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole None AuthenTec fingerprint reader on palm rest, swipe sensor  | 65-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models) RoHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support           |
| One fortunates from some detailed information  | Limited warranty <sup>12</sup>   |  | during the warranty period <sup>12</sup>   |

| -  |   |  |   |  |   |  |   |   |  |  |   |  | _  |  |   |  |
|--|---|--|---|--|---|--|---|---|--|--|---|--|--|--|---|--|
| Type-model Proce   | essor Memory  | Wide-<br>screen<br>display   | Camera  | Di:<br>SA<br>GB <sup>8</sup>   | TA  | PCIe<br>Mini Card<br>WLAN / BT   |   | e Mini C<br>WWAN<br>/mSATA                | Card<br>Numeric<br>Keypad  | Top color  | Micro-<br>phone   | Finger Bar<br>print te<br>reader ce  | ry   | Preload (  | Ann<br>date<br>mm/yy)   |  |
| 3260-EHG A8-45<br>3260-ECG A6-44<br>3260-EBG A4-43<br>3260-DVG A6-44<br>3260-DUG A6-44<br>3260-DTG A4-43<br>3260-DTG A4-43<br>3260-EUG A8-45<br>3260-EUG A8-45<br>3260-ENG A8-45<br>3260-ENG A8-45<br>3260-FNG A4-43<br>3260-FNG A4-43<br>3260-FNG A6-44<br>3260-FNG A6-44<br>3260-FNG A6-44<br>3260-FNG A8-45<br>3260-FNG A6-44<br>3260-FNG A8-45 | 600M 4GBx1<br>600M 4GBx1  | 15.6" HD<br>15.6" HD | 720p 720p 720p 720p 720p 720p 720p 720p               | 500G<br>500G<br>500G<br>500G<br>750G<br>500G<br>500G<br>320G<br>500G<br>500G<br>320G<br>500G<br>500G<br>500G<br>500G<br>500G<br>500G | 7200<br>7200<br>7200<br>7200<br>7200<br>7200<br>7200<br>7200              | TP 11b/g/n + | BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>BT<br>B | None None None None None None None None   | Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Numpad<br>Nu | Matte black Black textured Black textured Black textured Matte black | Stereo Stereo Stereo Stereo Stereo Stereo Stereo Stereo Stereo Mono Mono Mono Stereo | Finger (Finger | 66 \ \ 66 | Win8 64 Win8 Pro64 Win7 Pro64 Win7 Pro64 Win8 Pro64 Win8 64 Win8 64 Win8 64 Win8 64 Win8 Pro64 OOS-Lic. Win8 64 Win8 Pro64 Win8 64 Win8 Pro64 Win8 64 Win7 Pro64 Win8 64 Win9 Pro664 | 10/12<br>10/12<br>10/12<br>10/12<br>10/12<br>10/12<br>10/12<br>10/12<br>10/12<br>11/12<br>12/12<br>12/12<br>12/12<br>07/13<br>07/13<br>07/13<br>07/13 |  |
|  | integrated A<br>integrated D<br>AMD Accel<br>integrated A<br>integrated D<br>AMD Accel  | MD Radeor<br>DR3 memo<br>erated Prod<br>MD Radeor<br>DR3 memo<br>erated Prod<br>MD Radeor  | n HD 74 ry conticessor n HD 75 ry conticessor n HD 76 | 20G G<br>roller (t<br><b>A6-44</b> (<br>520G G<br>roller (t<br><b>A8-45(</b><br>540G G   | iraphic<br>up to 1<br>DOM (co<br>iraphic<br>up to 1<br>DOM (co<br>iraphic | es, AMD Turbo<br>600MHz)<br>Jual-core, 2.70<br>es, AMD Turbo<br>600MHz)<br>Juad-core, 1.90<br>es, AMD Turbo  | Coi<br>GH:<br>Coi<br>OGH  | re techr<br>z, 1MB<br>re techr<br>łz, 4ME | nology (up<br>L2 cache)<br>nology (up<br>L2 cache  | to 3.00GHz),<br>to 3.20GHz),   | - Som<br>- Som<br>- Som<br>- Som  | ne: DOS-I<br>ne: Windo<br>64 pre<br>downg<br>Windo<br>ne: Windo  | Lic.<br>ws<br>inst<br>irad<br>ws<br>ws<br>ws   | 7 Profess<br>talled throu<br>le rights in<br>8 Pro 64-b  | ional<br>gh<br>it   |  |
| Memory   | 16GB max <sup>7</sup><br>dual-channe  | el capable, to   | vo 204  | pin SC   | )-DIMI  | VI sockets   |   |   |  |  | listed)   | dows 7 m   | ode  | els  |   |  |
| Optical<br>SATA disk   |   | rive / SATA  | 3.0Gb/s   | s, 2.5"  | wide,   | 7mm or 9.5mn   | n hig   | gh,                                       |  |  | <ul> <li>Access Connections™</li> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Tools</li> </ul>   |  |  |  |   |  |
| mSATA™ SSD   | None  |  |   |  |   |  |   |   |  |  |   |  |  |  |   |  |
| Widescreen<br>display  | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio  |  |   |  |   |  |   |   |  |  |   |  |  |  |   |  |
| Camera   |   |  |   |  |   | sitive, fixed for  |   |   | dicator  |  | - Windows 8 models - Lenovo Support - Lenovo Companion  |  |  |  |   |  |
| Graphics   | AMD Radeo   | n HD Grap  | hics in   | proces   | ssor,   |  |   |   |  |  |   |  |  |  |   |  |
|  | digital monit<br>supports du  | or support v<br>al independ  | ria ĤDN<br>ent disp                                   | ll™ (su<br>blay;   | pporti  | 3-15 connecto<br>ng HDCP to o<br>260Hz; 1920x  | utpu  | ıt prote                                  |  | nt);   | - All n   |  |  | orage<br>ide DOS ai  | nd No   |  |
| Keyboard   |   |  |   |  |   | -resistant, mul  |   | _ `                                       |  | neric keynad   | OS models)  • ThinkVantage System Update  • Norton™ Internet Security (30 days of virus definitions)  • Skype™  • Microsoft Office preloaded;       |  |  |  |   |  |
| TrackPoint®<br>Touchpad<br>ThinkLight™   | Black texture<br>TrackPoint p   | <i>ed (top):</i><br>ointing devi   | ce, Inte  | 6-rov  | w, spill<br>croll Ba  | -resistant, mul  | ltime   | edia Fn                                   |  |  |   |  |  |  |   |  |
| Dimensions <sup>3</sup>  | Matte black<br>Black textur   |  | d (top):  | 377<br>15.6  | x 24`5r<br>W" (W  | /xDxH): 14.84"<br>nm x 29.5-35./<br>/xDxH): 14.84"   | 3mn<br>' x 9  | n<br>.65" x 1                             |  |  | purc  | nase a pr  | oau  | ict key to a   | clivate   |  |
| Weight <sup>2</sup><br>Case color  | 6-cell: from<br>Matte black   | or Matte red   |   | trimr  | ned w   | nm x 29.5-35.<br>ith a thin silvei   |   |   | e); black bo   | ottom  |   |  |  |  |   |  |
| Black textured (top): black bottom  Case material Acrylonitrile-Butadiene-Styrene (ABS) plastic  Battery - life <sup>10</sup> 6-cell (48Whr): up to 6.0 hr   |   |  |   |  |   |  |   |   |  |  |   |  |  |  |   |  |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports  | AMD A70M<br>None<br>4-in-1 reade<br>Three USB<br>external mo  | r (MMC, SD<br>3.0, one US  | B 2.0 (p  | owere  | d),   | not (D I 45)   |   |   |  |  |   |  |  |  |   |  |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN  | One PCI Ex<br>11b/g/n, PC   | press Mini (   | Card slo  | ot ,   |   | /g/n, Wi-Fi + E  | Bluet   | ooth co                                   | mbo adap   | oter, 1x1  | Suppo   | rts Think\   | /ant   | age® techn   | ologies   |  |
| Modem Bluetooth™ Ethernet Audio support Security   | Modem Sluetooth™ Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Ethernet Audio support Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone or Mono digital microphone, combo audio/mic jack  Security  65-watt AC adapter EPEAT™ Gold rating (exclude DOS and No OS n |  |   |  |   |  |   |   | odels)   |  |   |  |  |  |   |  |
| Security chip<br>Fingerprint reade   | None .<br>r <i>Some:</i> Auth   | nenTec finge   | erprint r   | eader o  | on palı   | n rest, swipe s  | sens  |   | пу кеупон  |  | Interna<br>24 hou   | ır x 7 day1  | rrar<br>8 to   | nty Service<br>II-free supp  | ort   |  |
| Limited warranty <sup>12</sup>   |   | <u> </u>   | rvice / s   | ervice   | upgra   | des <sup>22</sup> available  | )   |   |  |  | durir   | ng the wa  | rran   | ity period <sup>12</sup>   | Lenovo  |  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe PC<br>Mini Card<br>WLAN / BT | Cle Mini C<br>WWAN<br>/mSATA | ard<br>Numeric<br>Keypad | Top color   |        | tery | Preload  | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|-----------------------------------|------------------------------|--------------------------|-------------|--------|------|----------|------------------------|
| 3260-8KG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | TP 11b/g/n + BT                   | None                         | Numpad                   | Matte black | Finger | 6    | Prem 64  | 06/12                  |
| 3260-ELG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + BT                   | None                         | Numpad                   | Matte black | Finger | 6    | DOS-Lic. | 10/12                  |

| Positioning<br>Processor                                     | Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor A8-4500M (quad-core, 1.90GHz, 4MB L2 cache), integrated AMD Radeon HD 7640G Graphics, AMD Turbo Core technology (up to 2.80GHz), integrated DDR3 memory controller (up to 1600MHz)   | Preloaded operating system <sup>20</sup> - Some: DOS-Lic Some: Genuine Windows® 7 Home Premium 64   |  |  |  |
|--|--|---|--|--|--|
| Memory   | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets  | Ready to install applications <sup>14</sup> (only some listed)  |  |  |  |
| Optical<br>SATA disk<br>mSATA™ SSD                           | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None   | One Key Recovery Pro     Preloaded applications¹⁴ (only some listed)     Access Connections™  |  |  |  |
| Widescreen<br>display<br>Camera                              | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | TrueSuite Fingerprint Software<br>(includes password manager<br>function)   |  |  |  |
| Graphics   | Dynamic switching between discrete and integrated graphics (user selectable),  AMD Radeon HD Graphics in processor, and  AMD Radeon HD 7670M Graphics, PCI Express® x16, 1GB memory, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 1920x1600 (VGA)@60Hz; 1920x1200 (HDMI)@60Hz | <ul> <li>ThinkVantage System Update</li> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Tools</li> <li>Lenovo SimpleTap</li> <li>Norton™ Internet Security 2012 (30 days of virus definitions)</li> <li>Adobe® Reader®</li> <li>Skype™</li> </ul> |  |  |  |
| Keyboard  TrackPoint®  | Matte black or Matte red (top):  6-row, spill-resistant, multimedia Fn keys, numeric keypad black aluminum (top):  6-row, spill-resistant, multimedia Fn keys  TrackPoint pointing device, Internet Scroll Bar <sup>13</sup>   | Corel® WinDVD® (DVD±RW)     Corel Burn.Now™ Lenovo Edition (DVD±RW)   |  |  |  |
| Touchpad<br>ThinkLight™                                      | UltraNav™, wide tŏuchpad below keyboard, Tap Zones, multi-touch<br>None  | Corel DVD MovieFactory® Lenovo<br>Edition (DVD±RW)  |  |  |  |
| Dimensions <sup>3</sup>                                      | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm   |   |  |  |  |
| Weight <sup>2</sup> Case color Case material                 | 6-cell: from 5.4 lb (2.48kg) Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom Some: Black aluminum (top); black bottom Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic Black aluminum (top): Aluminum  |   |  |  |  |
| Battery - type <sup>37</sup><br>Battery - life <sup>10</sup> | Black aluminum (top): Aluminum Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr   |   |  |  |  |
| Ports  | AMD A70M FCH None 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |   |  |  |  |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN                  | One PCI Express Mini Card slot<br>11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1<br>None   | Supports ThinkVantage® technologies   |  |  |  |
| Modem Bluetooth™ Ethernet Audio support Security             | None  None  Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card  Realtek® RTL8111F Gigabit Network Connection  High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/  Stereo digital microphone, combo audio/mic jack  Power-on password, hard disk password, supervisor password, security keyhole  | 90-watt AC adapter EPEAT™ Gold rating (Windows 7 models) ENERGY STAR® 5.0-compliant (Windows 7 models)  |  |  |  |
| Security chip  | None AuthenTec fingerprint reader on palm rest, swipe sensor   | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support   |  |  |  |
| Limited warranty <sup>12</sup>                               | 1-year - depot repair service / service upgrades <sup>22</sup> available   | during the warranty period <sup>12</sup>  |  |  |  |

| Type-model | Processor | Memory | Wide-<br>screen<br>display | Camera | Disk<br>SATA<br>GB <sup>®</sup> rpm | PCIe PC<br>Mini Card<br>WLAN / BT | Cle Mini C<br>WWAN<br>/mSATA | ard<br>Numeric<br>Keypad | Top color   | Finger<br>print<br>reader | Bat-<br>tery<br>cells |          | Ann<br>date<br>(mm/yy) |
|------------|-----------|--------|----------------------------|--------|-------------------------------------|-----------------------------------|------------------------------|--------------------------|-------------|---------------------------|-----------------------|----------|------------------------|
| 3260-DWG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | TP 11b/g/n + BT                   | None                         | Numpad                   | Matte black | Finger                    | 6                     | Win8 64  | 10/12                  |
| 3260-FVG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 500G 7200                           | TP 11b/g/n + BT                   | None                         | Numpad                   | Matte black | None                      | 6                     | DOS-Lic. | 07/13                  |
| 3260-FTG   | A8-4500M  | 4GBx1  | 15.6" HD                   | 720p   | 750G 5400                           | TP 11b/g/n + BT                   | None                         | Numpad                   | Matte black | None                      | 6                     | Win8 64  | 07/13                  |

| Positioning<br>Processor                            | Sophisticated design with quality, durability and reliability for SMB customers; two spindles AMD Accelerated Processor A8-4500M (quad-core, 1.90GHz, 4MB L2 cache), integrated AMD Radeon HD 7640G Graphics, AMD Turbo Core technology (up to 2.80GHz), integrated DDR3 memory controller (up to 1600MHz)   | Preloaded operating system <sup>20</sup> - Some: DOS-Lic Some: Windows 8 64-bit                             |
|---|--|---|
| Memory  | 16GB max <sup>7</sup> / PC3-12800 1600MHz DDR3, non-parity,<br>dual-channel capable, two 204-pin SO-DIMM sockets   | Preloaded applications <sup>14</sup> (only some listed, exclude DOS models)  • Lenovo Support               |
| Optical<br>SATA disk<br>mSATA™ SSD                  | DVD burner, 12.7mm high, fixed, not removable, tray-in Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Active Protection System™ None   | Lenovo Companion     Lenovo Cloud Storage     Password Manager     Fingerprint Software (fingerprint        |
| Widescreen<br>display<br>Camera                     | 15.6" (396mm) HD (1366x768) color, anti-glare,<br>LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio<br>HD720p resolution, face track, low light sensitive, fixed focus, LED indicator   | models)  ThinkVantage System Update  Norton™ Internet Security (30 days of virus definitions)               |
| Graphics  | Dynamic switching between discrete and integrated graphics (user selectable),  AMD Radeon HD Graphics in processor, and  AMD Radeon HD 7670M Graphics, PCI Express® x16, 1GB memory, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display;  Max external resolution: 1920x1600 (VGA) @ 60Hz; 1920x1200 (HDMI) @ 60Hz | Microsoft Office preloaded; purchase a product key to activate     Skype™                                   |
| Keyboard  TrackPoint® Touchpad ThinkLight™          | Matte black or Matte red (top): 6-row, spill-resistant, multimedia Fn keys, numeric keypad Black aluminum (top): 6-row, spill-resistant, multimedia Fn keys  TrackPoint pointing device, Internet Scroll Bar¹³  UltraNav™, wide touchpad below keyboard, Tap Zones, multi-touch  None  |   |
| Dimensions <sup>3</sup>                             | Matte black or Matte red (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.16-1.39"; 377 x 245mm x 29.5-35.3mm  Black aluminum (top): 15.6W" (WxDxH): 14.84" x 9.65" x 1.12-1.35"; 377 x 245mm x 28.5-34.3mm   |   |
| Weight <sup>2</sup> Case color Case material        | 6-cell: from 5.4 lb (2.48kg)  Some: Matte black or Matte red (top), trimmed with a thin silver band (side); black bottom  Some: Black aluminum (top); black bottom  Matte black or Matte red (top): Acrylonitrile-Butadiene-Styrene (ABS) plastic  |   |
| Battery - type37<br>Battery - life10                | Black aluminum (top): Aluminum Lithium Ion 6-cell 6-cell (48Whr): up to 5.7 hr   |   |
| Chipset<br>ExpressCard<br>Multicard Reader<br>Ports | AMD A70M FCH  None 4-in-1 reader (MMC, SD, SDHC, SDXC)  Three USB 3.0, one USB 2.0 (powered), external monitor (VGA DB-15, HDMI), ethernet (RJ-45)   |   |
| PCIe Mini Card<br>WLAN <sup>4</sup><br>WWAN         | One PCI Express Mini Card slot<br>11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, Wi-Fi + Bluetooth combo adapter, 1x1<br>None   | Supports ThinkVantage® technologies   |
| Modem Bluetooth™ Ethernet Audio support             | None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2/ Stereo digital microphone, combo audio/mic jack  | 90-watt AC adapter EPEAT™ Gold rating (exclude DOS models) ENERGY STAR® 5.0-compliant (exclude DOS models)  |
| Security Security chip Fingerprint reader           | Power-on password, hard disk password, supervisor password, security keyhole None Some: AuthenTec fingerprint reader on palm rest, swipe sensor  | RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support |
| Limited warranty <sup>12</sup>                      | <sup>2</sup> 1-year - depot repair service / service upgrades <sup>22</sup> available  | during the warranty period <sup>12</sup>  |