

# ThinkPad S440 Platform Specifications

Product Specifications Reference (PSREF)

Country Code"++": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)  
 Note: models listed above might not be available in all WE countries

Positioning Processor	<i>Sophisticated design with quality, durability and reliability for SMB customers; one spindles</i> <b>Intel® Core™ i3-4010U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), HT technology <b>Intel Core i3-4030U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), HT technology <b>Intel Core i5-4200U processor (2 cores, 1.60GHz, 3MB cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology <b>Intel Core i5-4210U processor (2 cores, 1.70GHz, 3MB cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology <b>Intel Core i7-4500U processor (2 cores, 1.80GHz, 4MB cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology <b>Intel Core i7-4510U processor (2 cores, 2.00GHz, 4MB Cache), Intel HD Graphics 4400</b> , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology	<b>Preloaded operating system<sup>20</sup></b> - <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - <i>Some:</i> Windows 8 64-bit - <i>Some:</i> Windows 8 Pro 64-bit - <i>Some:</i> Windows 8.1 64-bit - <i>Some:</i> Windows 8.1 Pro 64-bit  <b>Preloaded applications</b> (only some listed for Windows 8) <ul style="list-style-type: none"> <li>• Lenovo Support</li> <li>• Lenovo Companion</li> <li>• Lenovo Cloud Storage</li> <li>• Password Manager</li> <li>• Fingerprint Software (fingerprint models)</li> <li>• ThinkVantage System Update</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> </ul>
Memory	8GB max <sup>7</sup> / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket	
Optical SATA disk	None <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Active Protection System™	
M.2 SSD	<i>Some:</i> M.2 Solid State Drive (SSD), via M.2 Card slot	
Widescreen display	<i>Some:</i> <b>14.0"</b> (355mm) <b>HD+ (1600x900) color</b> , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio <i>Some:</i> <b>14.0"</b> (355mm) <b>HD+ (1600x900) color</b> , anti-glare, 10-point touch screen LED backlight, 220 nits, 16:9 aspect ratio	
Camera	HD720p resolution, low light sensitive, fixed focus, LED indicator	
Graphics	<b>Intel HD Graphics 4400</b> in processor, or <b>AMD Radeon™ HD 8670M Graphics, 2GB</b> memory external digital monitor support via HDMI™; Max external resolution: 1920x1200 (HDMI) @60Hz	
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint pointing device, Internet Scroll Bar <sup>13</sup> UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch None	
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type <sup>37</sup> Battery - life <sup>10</sup>	14.0W" (WxDxH): 13.10" x 8.85" x 0.87"; 332.8mm x 224.8mm x 22.1mm 4-cell: from 4.23 lb (1.92kg) Black or silver (top); black bottom Sand Blast Aluminum (top) Li-Polymer 4-cell (46Whr) MobileMark 2007: Windows 8: up to 6.7 hr MobileMark 2012: Windows 8: up to 5.3 hr	
Chipset ExpressCard Multicard Reader Ports	<b>Intel 4th Generation core 1 chip</b> (integrated chipset with processor) None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0 (one powered), OneLink Docking port external monitor (HDMI), ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN <sup>4</sup>	One PCI Express Mini Card slot <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
M.2 Card M.2 WWAN Bluetooth™ Ethernet Audio support	One M.2 Card slot for support of WWAN card or SSD None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20751 codec / stereo speakers, 1.5 watt x 2 / Dolby® Home Theater® v4 / dual array microphone, combo audio/mic jack	
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Fingerprint reader on palm rest, swipe sensor	
Limited warranty <sup>12</sup>	<b>1-year</b> - depot repair service / service upgrades <sup>22</sup> available	<b>Supports ThinkVantage® technologies</b>  65-watt AC adapter ENERGY STAR® 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>

See footnotes for more detailed information

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