

# ThinkPad® T520i 4240 (TopSeller) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB <sup>2</sup> rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/mSATA	Finger print reader	Blue-tooth	Bat-tery cells	Intel AMT	Intel vPro	Preload	Ann Date (mm/yy)
4240-5FG	i3-2350M	4GBx1	15.6" HD	720p	320G 7200	Intel 1000	WWAN upg	Finger	Blue	6	None	No	Pro 64	10/11
4240-6QG	i3-2350M	4GBx1	15.6" HD	720p	500G 7200	Intel 1000	WWAN upg	Finger	Blue	6	None	No	Pro 64	12/11

- **Small and medium business (SMB) model(s), part of the WE TopSeller™ Program**
- **A depot repair service 3-year limited warranty**
- **Microsoft® Office 2010 Product Key Ready (O10PKR)**

Positioning Processor	<i>Premiere performance; two spindles</i> <b>Intel® Core™ i3-2350M processor (dual-core, 2.30GHz, 3MB Cache),</b> DDR3 memory controller (up to 1333MHz), HT technology			<b>Preloaded operating system<sup>20</sup></b> - Genuine Windows® 7 Professional 64  <b>Ready to install applications<sup>14</sup></b> (only some listed) <ul style="list-style-type: none"><li>• Rescue and Recovery™</li><li>• Access Connections™</li><li>• Fingerprint Software (fingerprint models)</li><li>• Password Manager (fingerprint models)</li><li>• ThinkVantage System Update</li><li>• ThinkVantage Power Manager</li><li>• ThinkVantage Toolbox</li><li>• Lenovo SimpleTap</li></ul> <b>Preloaded applications<sup>14</sup></b> (only some listed) <ul style="list-style-type: none"><li>• Norton™ Internet Security 2011 (30 days of virus definitions)</li><li>• Adobe® Reader®</li><li>• Skype™ for Windows</li><li>• Windows Live™ Essentials</li><li>• Microsoft Office 2010 preloaded; purchase product key to activate</li><li>• Corel® WinDVD® (DVD±RW)</li><li>• Corel Burn.Now™ Lenovo Edition (DVD±RW)</li><li>• Corel DVD MovieFactory® Lenovo Edition (DVD±RW)</li></ul>
Memory	8GB max <sup>7</sup> / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets			
Optical Ultrabay SATA disk	DVD burner, 12.7mm Ultrabay Enhanced, removable One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access <i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> HDD / SATA 3.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive			
mSATA™ SSD	None			
Widescreen display	<b>15.6"</b> (396mm) <b>HD (1366x768) color</b> , anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio, 60% Gamut			
Camera	HD720p resolution, wider view angle, low light sensitive, fixed focus			
Graphics	<b>Intel HD Graphics 3000</b> in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via optional cable); supports dual independent display; <i>Maximum external resolution:</i> 2560x1600 (DisplayPort) @60Hz; 2048x1536 (VGA) @75Hz; 1920x1200 @60Hz (single-link DVI-D via optional cable)			
Keyboard	7 row, 89-key, ThinkVantage button, spill-resistant, multimedia Fn keys			
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar <sup>13</sup> , magnifying glass			
Touchpad	UltraNav™, wide touchpad below keyboard, Tap Zones, scrolling regions label, multi-touch			
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions			
Dimensions (WxDxH) <sup>3</sup>	<i>HD &amp; HD+:</i> 14.68" x 9.65" x 1.25-1.40"; 372.8mm x 245.1mm x 31.8-35.6mm <i>FHD:</i> 14.68" x 9.65" x 1.29-1.44"; 372.8mm x 245.1mm x 32.8-36.6mm			
Weight <sup>2</sup>	<i>6-cell:</i> starting at 5.54 lb (2.51kg); <i>9-cell:</i> starting at 5.89 lb (2.67kg)			
Case material	<i>Display cover:</i> Carbon-fiber / Glass-fiber hybrid; <i>Bottom:</i> Glass-fiber reinforced plastic without paint			
Battery - type	Lithium Ion 6-cell or 9-cell, support optional Slice battery as 2nd battery at bottom			
Battery - life <sup>10</sup>	<i>6-cell (57Whr):</i> up to 7.7 hr; <i>9-cell (94Whr):</i> up to 12.8 hr; <i>9-cell plus slice battery:</i> up to 25.6 hr			
Chipset	<b>Mobile Intel QM67 Express Chipset</b>			
ExpressCard	One slot (ExpressCard/34)			
Smart Card Read	None			
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)			
Ports	<i>Integrated model:</i> Four USB 2.0 (one powered), <i>Optimus model:</i> Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)			
PCIe Mini Card	Two PCI Express Mini Card slots			
WLAN <sup>4</sup>	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2			
WWAN	Wireless WAN upgradable			
Modem	None			
Bluetooth™	Bluetooth 3.0 wireless, LED indicator			
Ethernet	Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1			
Intel AMT	None			
Audio support	High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack			
Security	Power-on password, hard disk password, supervisor password, security keyhole			
Security chip	Trusted Platform Module, TCG 1.2-compliant			
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip			
Limited warranty <sup>12</sup>	<b>3-years/1-yr battery - depot repair service / service upgrades<sup>22</sup> available</b>			
Supports ThinkVantage® technologies				
65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ 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>				

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See footnotes for more detailed information

WE model(s) announced October 4 or December 20, 2011

WE model(s) withdrawn effective December 2012

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