

ThinkPad Twist S230u



Lenovo® ThinkPad Twist S230u
(Tent Mode)



Lenovo® ThinkPad Twist S230u
(Tablet Mode)



Lenovo® ThinkPad Twist S230u
(Notebook Mode)



Lenovo® ThinkPad Twist S230u
(Stand Mode)



Lenovo® ThinkPad Twist S230u



Lenovo® ThinkPad Twist S230u

ThinkPad Twist S230u (3347) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB ⁹ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	SIM card	Top color	Blue-tooth	Bat-tery cells	Preload	Ann date (mm/yy)
3347-4TG	i3-2375M	2GB	12.5" HD <i>Multi</i>	720p	320G 7200	Intel 2230	16GB	None	Black	BT	8	Win8 64	01/13

- **Small and medium business (SMB) model(s), part of the WE TopSeller™ Program**
- **A depot repair service 1-year limited warranty**

Positioning	<i>Convertible tablet; one spindle</i>											Preloaded operating system²⁰ - Windows® 8 64-bit Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Processor	Intel® Core™ i3-2375M processor (2 cores, 1.50GHz, 3MB cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology											
Memory	2G / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets											
Optical	None											
SATA disk	<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, Active Protection System™ <i>All:</i> removable, upgradable											
mSATA™ SSD	16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot											
Widescreen display	12.5" (317.5mm) HD (1366x768) TFT color , smudgeless and anti-reflective display with Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, rotate and swivel hinge <i>Bottom buttons:</i> volume up / down and Windows buttons <i>Side buttons:</i> power and auto rotation buttons											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
Graphics	Intel HD Graphics 3000 in processor, supports external digital monitor via Mini HDMI and Mini DisplayPort; supports dual independent display; <i>Maximum external resolution:</i> 2560x1600 (Mini DisplayPort)@60Hz; 1920x1200 (Mini HDMI)@60Hz											
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys											
TrackPoint®	TrackPoint pointing device											
Touchpad	UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch											
Light sensor	Ambient light sensor											
ThinkLight™	None											
Dimensions ³	<i>8-cell:</i> 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm											
Weight ²	<i>8-cell:</i> from 3.50 lb (1.60kg)											
Case material	<i>Display cover:</i> Magnesium + Polyphenylene sulfide (PPS); <i>Bottom:</i> Magnesium + PPS											
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication											
Extended Battery	None											
Battery - life ¹⁰	<i>8-cell (42.4Whr):</i> up to 6.0 hr											
Chipset	Mobile Intel HM77 Express Chipset											
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)											
ExpressCard	None											
Smart Card Read	None											
Ports	Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)											
PCIe Mini Card	Two PCI Express Mini Card slots											
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter											
PCIe WWAN	None											
SIM card	None											
Modem	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Realtek ALC3202 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, 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	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											

See footnotes for more detailed information
WE model(s) announced January 1, 2013

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ThinkPad Twist S230u (3347) - TopSeller (Ultrabook)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB ⁹ rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN/ mSATA	SIM card	Top color	Blue-tooth	Bat-tery cells	Preload	Ann date (mm/yy)
3347-29G	i7-3517U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230	Ericsson	Selectable	Black	BT	8	Win8 Pro64	10/12
3347-28G	i7-3517U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230	Ericsson	Selectable	Black	BT	8	Win8 64	10/12
3347-27G	i5-3317U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 Pro64	10/12
3347-26G	i5-3317U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 64	10/12
3347-4PG	i3-3217U	4GB	12.5" HD <i>Multi</i>	720p	320G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 Pro64	12/12
3347-4NG	i3-3217U	4GB	12.5" HD <i>Multi</i>	720p	320G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 64	12/12
3347-8TG	i3-3217U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230	Ericsson	Selectable	Black	BT	8	Win8 Pro64	08/13

- **Small and medium business (SMB) model(s), part of the WE TopSeller™ Program**
- **A depot repair service 1-year limited warranty**

Positioning	<i>Convertible tablet ultrabook™; one spindle</i>										Preloaded operating system ²⁰
Processor	Intel® Core™ i3-3217U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3317U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology Intel Core i7-3517U processor (2 cores, 1.90GHz, 4MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology										- Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit Preloaded applications¹⁴ (only some listed)
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets										<ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • Fingerprint Software (fingerprint models) • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Optical	None										
SATA disk	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										
mSATA™ SSD	Some: 24GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot										
Widescreen display	12.5" (317.5mm) HD (1366x768) TFT color, smudgeless and anti-reflective display with Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, rotate and swivel hinge <i>Bottom buttons:</i> volume up / down and Windows buttons <i>Side buttons:</i> power and auto rotation buttons										
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch										
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus										
Graphics	Intel HD Graphics 4000 in processor, supports external digital monitor via Mini HDMI and Mini DisplayPort; supports dual independent display; <i>Maximum external resolution:</i> 2560x1600 (Mini DisplayPort)@60Hz; 1920x1200 (Mini HDMI)@60Hz										
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys										
TrackPoint®	TrackPoint pointing device										
Touchpad	UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch										
Light sensor	Ambient light sensor										
ThinkLight™	None										
Dimensions ³	<i>8-cell:</i> 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm										
Weight ²	<i>8-cell:</i> from 3.50 lb (1.60kg)										
Case material	<i>Display cover:</i> Magnesium + Polyphenylene sulfide (PPS);					<i>Bottom:</i> Magnesium + PPS					
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication										
Extended Battery	None										
Battery - life ¹⁰	<i>8-cell (42.4Whr):</i> up to 6.0 hr										
Chipset	Mobile Intel HM77 Express Chipset										
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)										
ExpressCard	None										
Smart Card Read	None										
Ports	Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)										
PCIe Mini Card	Two PCI Express Mini Card slots										
PCIe WLAN ⁴	11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter										
PCIe WWAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS										
SIM card	Some: User selectable, contract required with service provider										
Modem	None										
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card										
Ethernet	Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1										
Intel AMT	None										
Audio support	High Definition (HD) Audio, Realtek ALC3202 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, 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	None										
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available										Supports ThinkVantage® technologies 65-watt AC Adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²

See footnotes for more detailed information

WE model(s) announced October 23 or December 4, 2012; August 20, 2013

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