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 (20C4) - Ultrabook

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB [®] rpm	PCle P Mini Card WLAN	Cle Mini C WWAN/ mSATA	ard SIM card	Top color	Blue- tooth	Bat- tery cells	Preload	Ann date (mm/yy)
20C4-29U	i7-3667U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230 ²⁸	None	None	Black	BT	8	Win8 Pro64	06/13
20C4-28U	i7-3667U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/n	None	None	Black	BT	8	Win8 Pro64	06/13
20C4-27U	i7-3667U	8GB	12.5" HD <i>Multi</i>	720p	500G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 Pro64	06/13
20C4-26U	i7-3667U	8GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	24GB	None	Black	BT	8	Win8 Pro64	06/13
20C4-25U	i5-3427U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230	None	None	Black	BT	8	Win8 Pro64	06/13
20C4-24U	i5-3427U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/n	None	None	Black	BT	8	Win8 Pro64	06/13
20C4-23U	i5-3427U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	Intel 2230	24GB	None	Black	BT	8	Win8 Pro64	06/13
20C4-22U	i5-3427U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	24GB	None	Black	BT	8	Win8 Pro64	06/13

Positioning	Convertible tablet ultrabook™; one spindle	Droloaded energting evetom ²⁰
Positioning Processor	Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000,	Preloaded operating system ²⁰ - Windows 8 Pro 64-bit
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded applications ¹⁴ (only some listed) • Lenovo Support
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets	Lenovo Companion
Optical SATA disk	None 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	 Lenovo Cloud Storage Password Manager Fingerprint Software (fingerprint models)
mSATA™ SSD	Some: 24GB mSATA Solid State Drive (SSD), via PCle Mini Card slot	 ThinkVantage System Update Norton™ Internet Security
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 Bottom buttons: volume up / down and Windows buttons Side buttons: power and auto rotation buttons	(30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Multi-touch Camera	Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch 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; Maximum external resolution: 2560x1600 (Mini DisplayPort) @ 60Hz; 1920x1200 (Mini HDMI) @ 60Hz	
Keyboard TrackPoint® Touchpad Light sensor ThinkLight™	6-row, 83-key, spill-resistant, multimedia Fn keys TrackPoint pointing device UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch Ambient light sensor None	
Dimensions ³ Weight ² Case material Battery - type Extended Battery Battery - life ¹⁰	8-cell: 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm 8-cell: from 3.50 lb (1.60kg) Display cover: Magnesium + Polyphenylene sulfide (PPS); Integrated Li-Polymer 8-cell, HW Authentication None 8-cell (42.4Whr): up to 6.0 hr	
Chipset	Mobile Intel HM77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None None Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN ⁴	Two PCI Express Mini Card slots Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
PCIe WWAN SIM card	None None	Outside Third Western ® Assistant Size
Modem	None	Supports ThinkVantage® technologies 65-watt AC Adapter
Bluetooth™ Ethernet Intel AMT Audio support	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1 None 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 Power-on password, hard disk password, supervisor password, security keyhole	EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Security chip Fingerprint reader	Trusted Platform Module, TCG 1.2-compliant None	during the warranty period ¹² For Lenovo ²² service upgrade
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	options, please go to S-EDGE sheet

ThinkPad Twist S230u (3347) - TopSeller (Ultrabook)

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB [®] rpm	PCIe PC Mini Card WLAN	Cle Mini C WWAN/ mSATA		Top color	Blue-		Preload	Ann date (mm/yy)
3347-2YU	i3-3217U	4GB	12.5" HD Multi	720p	320G 7200	TP 11a/b/g/n ²⁸	24GB	None	Black	BT	8	Win8 Pro64	10/12
3347-2RU	i7-3517U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/n	None	None	Black	BT	8	Win8 Pro64	10/12
3347-2QU	i5-3317U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/n	None	None	Black	BT	8	Win8 Pro64	10/12
3347-2NU	i3-3217U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	24GB	None	Black	BT	8	Win8 Pro64	10/12
3347-2HU	i5-3317U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	24GB	None	Black	BT	8	Win8 Pro64	10/12
3347-2GU	i7-3517U	8GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	24GB	None	Black	BT	8	Win8 Pro64	10/12

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

Positioning Processor	Convertible tablet ultrabook™; one spindle Intel® Core™ i3-3217U processor (2 cores, 1.80GHz, 3MB Cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology	Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit Preloaded applications ¹⁴ (only some
	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	listed) Lenovo Support Lenovo Companion Lenovo Cloud Storage
Memory	2GB, 4GB or 8GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets	Password Manager Fingerprint Software (fingerprint)
Optical SATA disk	None 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	models) ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions)
mSATA™ SSD	Some: 24GB mSATA Solid State Drive (SSD), via PCle Mini Card slot	Microsoft Office preloaded; purchase a product key to activate
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 Bottom buttons: volume up / down and Windows buttons Side buttons: power and auto rotation button button buttons: power and auto rotation button buttons:	Skype™
Camera	Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch 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; Maximum external resolution: 2560x1600 (Mini DisplayPort)@60Hz; 1920x1200 (Mini HDMI)@60Hz	
Keyboard TrackPoint® Touchpad Light sensor ThinkLight™	6-row, 83-key, spill-resistant, multimedia Fn keys TrackPoint pointing device UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch Ambient light sensor None	
Dimensions ³ Weight ² Case material Battery - type Extended Battery Battery - life ¹⁰	8-cell: 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm 8-cell: from 3.50 lb (1.60kg) Display cover: Magnesium + Polyphenylene sulfide (PPS); Bottom: Magnesium + PPS Integrated Li-Polymer 8-cell, HW Authentication None 8-cell (42.4Whr): up to 6.0 hr	
Chipset Multicard Reader ExpressCard Smart Card Read Ports	Mobile Intel HM77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None None Two USB 3.0, external monitor (mini-HDMI, mini-DisplayPort), ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2 None	
SIM card	None	Supports ThinkVantage® technologies
Modem Bluetooth™ Ethernet Intel AMT Audio support Security	None Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1 None 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 Power-on password, hard disk password, supervisor password, security keyhole	65-watt AC Adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Security chip Fingerprint reader	Trusted Platform Module, TCG 1.2-compliant	during the warranty period ¹² For Lenovo ²² service upgrade
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	options, please go to S-EDGE sheet

ThinkPad Twist S230u (3347) - TopSeller (Ultrabook) - II

					Disk	PCle	PCIe Mini (`ard			Bat-		Ann
Type-model P	rocessor	Memory	Widescreen display	Camera	SATA GB ⁸ rpm	Mini Card WLAN	WWAN		Top color	Blue- tooth	tery	Preload	date (mm/yy)
	5-3427U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n		None	Black	BT	8	Win8 Pro64	02/13
	5-3427U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	Intel 2230	24GB	None	Black		8	Win8 Pro64	02/13
	5-3427U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	Intel 2230	None	None	Black		8	Win8 Pro64	02/13
	5-3427U 5-3337U	4GB 4GB	12.5" HD <i>Multi</i> 12.5" HD <i>Multi</i>	720p 720p	128G SSD 500G 7200	TP 11a/b/g/r Intel 2230	None 24GB	None None	Black Black		8	Win8 Pro64 Win8 Pro64	02/13
	7-3537U	8GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/r		None	Black		8	Win8 Pro64	02/13
	5-3337U	4GB	12.5" HD <i>Multi</i>	720p	128G SSD	TP 11a/b/g/r		None	Black		8	Win8 Pro64	02/13
	3-3227U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/r		None	Black		8	Win8 Pro64	02/13
3347-6VU i5	5-3337U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/r	24GB	None	Black	BT	8	Win8 64	02/13
	5-3337U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/r		None	Black		8	Win8 Pro64	02/13
	7-3537U	8GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/r		None	Black		8	Win8 Pro64	02/13
	3-3227U	4GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n		None	Black		8	Win8 64	07/13
	3-3227U 3-3227U	4GB 4GB	12.5" HD <i>Multi</i> 12.5" HD <i>Multi</i>	720p 720p	320G 7200 320G 7200	TP 11a/b/g/r TP 11a/b/g/r		None None	Black Black		8	Win8 64 Win8 Pro64	07/13 07/13
Positioning			olet ultrabook™; d			TF TTA/b/g/T	2400	None			-	rating systen	
Processor	Intel® DDR3 Intel® DDR3 Intel® Intel®	Core™ i3 3 memory Core i5-3 3 memory Core i5-3 3 memory Core i7-3	3-3227U process controller (up to 3337U processor controller (up to 427U processor controller (up to 5337U processor	or (2 core 1600MH: r (2 cores 1600MH: r (2 cores 1600MH: r (2 cores	es, 1.90GHz, 3 z), HT technolo s, 1.80GHz, 3N z), Intel Turbo s, 1.80GHz, 3N z), Intel Turbo s, 2.00GHz, 4N	ogy IB Cache), Int Boost 2.0 (2.70 IB Cache), Int Boost 2.0 (2.80 IB Cache), Int	el HD Grap OGHz), HT el HD Grap OGHz), HT el HD Grap	phics 4000, technology phics 4000, technology phics 4000,	Pro list	Some: Some: eloaded ed) Lenovo Lenovo	Windo Windo d app Suppo Comp	ows 8 64-bit ows 8 Pro 64-l lications ¹⁴ (or ort	oit
Memory	4GB	or 8GB / F	controller (up to PC3-10600 1333		,-	,	, -	technology	- :	Passwo Fingerp	rd Ma rint So		print
Ontigal		D-DIMM s	OUKEIS							models) ThinkVa		System Upda	ate
Optical SATA disk mSATA™ SSD	Some All:	e: Solid S e: Hard D remova	State Drive (SSD) Disk Drive / SATA Able, upgradable	3.0Gb/s,	2.5" wide, 7mr	n high, Active		System™	•	Norton™ (30 days Microso	^M Inter s of vi ft Offi	rnet Security rus definitions ce preloaded; roduct key to a	;)
Widescreen			mSATÁ Šolid Sta m) HD (1366x76		-	e Milli Caru Sio	ι			Skype™		oddot Roy to t	ZOLIVALO
display Multi-touch Camera	smud LED t Botto Side I Projed	geless ar backlight, m buttons buttons: cted Capa	nd anti-reflective of 350 nits, 16:9 as s: volume up / do power and aut acitive Touch (PC ition, wide view a	display wispect ration with the contract of the contraction of the con	th Corning® G , 500:1 contra Vindows buttor buttons blogy, supports	st ratio, IPS , ro ns s 5-point multi-t	ouch	J	e				
Graphics	suppo suppo <i>Maxir</i>	orts exteri orts dual i mum exte	hics 4000 in production in digital monito independent disparral resolution: 2 ini HDMI)@60Hz	r via Mini Ilay; 2560x160		, ,							
Keyboard TrackPoint® Touchpad Light sensor ThinkLight™	Track Ultra Ambie None	Point poir Nav™, but ent light s		d below ke	eyboard, Tap Z		ıch						
Dimensions ³ Weight ² Case material Battery - type Extended Batte Battery - life ¹⁰	8-cell Displa Integr ry None	: from 3. ay cover: ated Li-P	x 9.29" x 0.79"; 3.50 lb (1.60kg) Magnesium + Folymer 8-cell, HV	Polypheny	lene sulfide (P		<i>tom:</i> Magn	esium + PF	PS				
Chipset Multicard Reade ExpressCard Smart Card Rea Ports	er 4-in-1 None ad None	reader (S	M77 Express Cl SD, SDHC, SDX0 external monitor	C, MMC)	ИI, mini-Displa	yPort), etherne	et (RJ-45)						
PCIe Mini Card PCIe WLAN ⁴	Some	e: 11a/b/g Wi-Fi + e: 11b/g/r	ess Mini Card slot g/n, PCIe Half Mi - Bluetooth comb n, PCIe Half Mini - Bluetooth comb	ni Card, T o adapter Card, Inte	, 2x2 el Centrino® W		,						
PCIe WWAN SIM card Modem	None None None								Su	pports -	Think\	Vantage® tech	nologies
Bluetooth™ Ethernet Intel AMT Audio support	Blueto Gigab None High stereo	ooth 4.0 voit Networ Definition Despeaker	vireless, integrate k Connection Re (HD) Audio, Rea s, 2 watt x 2, Dol wn, mute buttons	ealtek® R1 altek ALC: lby® Home	TL8111F, PHY, 3202 codec / e Theater® v4 (PCIe x1	mic iack		EF EN GF RC	REENG OHS-cor ernatior	Gold r STAR UARD mpliar nal Wa	ating 5.0-complia certified arranty Service	e ¹⁷
Security Security chip Fingerprint read	Powe Truste	r-on pass	word, hard disk p m Module, TCG	bassword,	supervisor pa				24	hour x during t	7 day he wa	18 toll-free sup rranty period ¹ ervice upgrade	port ²
		r - depot	repair service / s	ervice up	grades ²² availa	ble						go to S-EDGE	

ThinkPad Twist S230u (3347) - TopSeller

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB [®] rpm	PCle Po Mini Card WLAN	Cle Mini C WWAN/ mSATA	ard SIM card	Top color	Blue- tooth		Preload	Ann date (mm/yy)
3347-2PU	i3-2365M	2GB	12.5" HD Multi	720p	500G 7200	TP 11a/b/g/n ²⁸	16GB	None	Black	BT	8	Win8 Pro64	10/12
3347-79U	i3-2375M	2GB	12.5" HD <i>Multi</i>	720p	320G 7200	TP 11a/b/g/n	16GB	None	Black	BT	8	Win8 Pro64	02/13
3347-84U	i3-2375M	2GB	12.5" HD <i>Multi</i>	720p	500G 7200	TP 11a/b/g/n	16GB	None	Black	BT	8	Win8 Pro64	05/13
3347-83U	i3-2375M	2GB	12.5" HD <i>Multi</i>	720p	320G 7200	TP 11a/b/g/n	16GB	None	Black	BT	8	Win8 64	05/13

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

Positioning Processor	Convertible tablet; one spindle Intel® Core™ i3-2365M processor (2 cores, 1.40GHz, 3MB Cache), Intel HD Graphics 3000, DDR3 memory controller (up to 1333MHz), HT technology Intel Core i3-2375M processor (2 cores, 1.50GHz, 3MB Cache), Intel HD Graphics 3000,	Preloaded operating system ²⁰ - Some: Windows® 8 64-bit - Some: Windows 8 Pro 64-bit
	DDR3 memory controller (up to 1333MHz), HT technology	Preloaded applications ¹⁴ (only some listed)
Memory	2GB / PC3-10600 1333MHz DDR3 / soldered to systemboard, no SO-DIMM sockets	Leńovo Support
Optical SATA disk	None Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™, removable, upgradable	Lenovo CompanionLenovo Cloud StoragePassword Manager
mSATA™ SSD	16GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	Fingerprint Software (fingerprint models)
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 Bottom buttons: volume up / down and Windows buttons Side buttons: power and auto rotation buttons	ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions) Microsoft Office preloaded; purchase a product key to activate
Multi-touch Camera	Projected Capacitive Touch (PCT) technology, supports 5-point multi-touch HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Skype [™]
Graphics	Intel HD Graphics 3000 in processor, supports external digital monitor via Mini HDMI and Mini DisplayPort; supports dual independent display; Maximum external resolution: 2560x1600 (Mini DisplayPort)@60Hz; 1920x1200 (Mini HDMI)@60Hz	
Keyboard TrackPoint® Touchpad Light sensor ThinkLight™	6-row, 83-key, spill-resistant, multimedia Fn keys TrackPoint pointing device UltraNav™, buttonless touchpad below keyboard, Tap Zones, multi-touch Ambient light sensor None	
Dimensions ³ Weight ² Case material Battery - type Extended Battery Battery - life ¹⁰	8-cell: 12.32" x 9.29" x 0.79"; 313mm x 236mm x 20mm 8-cell: from 3.50 lb (1.60kg) Display cover: Magnesium + Polyphenylene sulfide (PPS); Bottom: Magnesium + PPS Integrated Li-Polymer 8-cell, HW Authentication None 8-cell (42.4Whr): up to 6.0 hr	
Chipset Multicard Reader ExpressCard Smart Card Read Ports	Mobile Intel HM77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None	
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, Wi-Fi + Bluetooth combo adapter, 2x2 None	
SIM card Modem	None None	Supports ThinkVantage® technologies
Bluetooth™ Ethernet Intel AMT	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card Gigabit Network Connection Realtek® RTL8111F, PHY, PCIe x1 None	65-watt AC Adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant GREENGUARD® certified
Audio support Security Security chip	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 Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Fingerprint reader Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	For Lenovo ²² service upgrade options, please go to S-EDGE sheet

www.lenovo.com/accessoriesguide
Option Compatibility Matrix (OCM) and accessory brochures
www.lenovoquickpick.com
An Options Compatibility Configurator for Lenovo systems

ThinkPad Twist S230u Accessories

TIIIIKF au TWIST 32300 ACCESSO	1163		,			, ,
Memory None			Power adapters ThinkPad 65W AC Adapter ⁴⁵ 45 Only compatible with the integrated graphics r	40Y7696 nodels.	ann	01/05/06
Storage and removable storage	0D 47000	10/11/10	ThinkPad 90W AC Adapter	40Y7659	ann	09/20/05
ThinkPad 16GB mSATA Solid State Cache Drive USB 2.0 Portable 500GB Hard Disk		ann 12/11/12 ann 05/26/09	More information at www.lenovopowertips.com	ı		
USB 3.0 Secure 500GB Hard Drive		ann 11/29/11	Carrying Cases			
USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive		ann 11/29/11 ann 08/28/12	Up to 13.3" widescreen models:	44115000		05/40/00
			ThinkPad Ultraportable Case	41U5062	ann	05/13/08
ThinkPad Expansion None			Up to 15.6" widescreen models:	44115054		05/04/07
			Lenovo Performance BackPack ThinkPad Business Topload Case	41U5254 43R2476		
Keyboard	7000000	10/10/00	ThinkPad Business Backpack	43R2482		
TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse ⁵²		ann 12/16/03 ann 04/05/11	ThinkPad Deluxe Expander Case	43R2478		
JSB Numeric Keypad		ann 05/01/00	ThinkPad Executive Leather Case	43R2480		
Preferred Pro USB Keyboard		ann 06/21/05	Lenovo Sport Backpack - Red Lenovo Sport Slimcase - Red	0A33896 0A33897		02/28/12
Enhanced Performance USB Keyboard		ann 03/23/04	Lenovo Sport Messenger - Red	0A33898		
ThinkPad USB Keyboard with TrackPoint		ann 08/18/09			am	02/20/12
Lenovo USB Fingerprint Keyboard Lenovo USB Smartcard Keyboard		ann 02/22/05 ann 03/24/09	More information at www.lenovo.com/support/o	ases		
•			Monitors			
Mouse	0406407	onn 06/06/10	ThinkVision LT2323p Wide 23" (VGA, DP, DVI-D)6			
ThinkPad Bluetooth Laser Mouse Lenovo Optical Mouse (USB)		ann 06/26/12 ann 05/21/03	Lenovo LS2023 Wide 20" (VGA, DVI) Lenovo LS1922 Wide 18.5" (VGA)	3778HB2 2580AF1		
Lenovo Laser Mouse (USB)		ann 01/23/07	Lenovo LS2223 Wide 21.5" (VGA, DVI)	3783HB2		
ThinkPad USB Laser Mouse		ann 12/15/09	Lenovo LS2323 Wide 23" (VGA, DVI)	3794HB1	ann	08/02/11
Lenovo ScrollPoint® Mouse (USB, Optical) ThinkPad Travel Mouse (USB, Optical)		ann 08/27/02 ann 06/04/02	More information at www.lenovo.com/support/i	nonitors		
Lenovo Wireless Laser Mouse ⁵²		ann 12/20/11	Monitor Accessories ⁴⁶			
52 Wireless via 2.4GHz technology using a micro	-size USB ı	receiver.	Lenovo Mini DisplayPort to VGA Adapter	0A36536	ann	05/17/11
Oit			Lenovo Mini DisplayPort to SL-DVI-D Adapter	0B47090		
Security Kensington® MicroSaver® Cable Lock	73D2582	ann 12/29/03	Lenovo Mini DisplayPort to DisplayPort Cable	0B47091		07/24/12
Kensington Twin Head Cable Lock		ann 09/30/08	Kensington MicroSaver Cable Lock	73P2582		12/29/03
Lenovo Security Cable Lock		ann 08/24/10	Kensington Twin Head Cable Lock Lenovo Security Cable Lock	45K1620 57Y4303		
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06	46 Compatible on selected Lenovo and ThinkVisi			00/24/10
Multimedia			More information at www.lenovo.com/support/i	nonitorac	cesso	ories
ThinkPad In-Ear Headphones with mic		ann 01/07/10				
Lenovo Mini Speakers M220	55Y2033	ann 01/07/10	For more information on accessories: www.lenovo.com/accessories			
Modem			Purchase Lenovo accessories			
USB 2.0 Lenovo Modem	43R1814	ann 02/26/08	www.lenovo.com/support/accessories			
			Product specifications on Lenovo Support			