ThinkPad Edge E531







Lenovo® ThinkPad Edge E531

Lenovo ThinkPad Edge E531



Lenovo ThinkPad Edge E531 with Numeric Keypad

Type-model I	Processor	Memory	Wide- scree displa	n	Camera	Dis SA GB ⁸	ΓA	Mi	PCIe ni Card AN / BT	M.2 Card WWAN /SSD	SIM card	Numeric Keypad To	p colo	Finger print r reader	tery	tery		Ann date mm/yy)
6885-2CG	i3-3120M	4GBx1	15.6" l	HD	720p	128G	SSD	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 04/13
6885-2EG i	i3-3120M	4GBx1	15.6" l	HD	720p	128G	SSD	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win8 64	04/13
6885-2FG	i3-3120M	4GBx1	15.6" l	HD	720p	500G	7200	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win8 64	04/13
6885-2GG i	i3-3120M	4GBx1	15.6" l	HD	720p	500G	7200	Intel	2230 + BT	None	None	Numpad	Red	Finger	6	48	Win8 64	04/13
6885-2HG	i5-3230M	4GBx1	15.6" l	HD	720p	500G	7200	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	DOS-Lic.	04/13
6885-2JG i	i3-2348M	4GBx1	15.6" l	HD	720p	500G	5400	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 04/13
6885-2KG	i3-2348M	4GBx1	15.6" l	HD	720p	500G	5400	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win8 64	04/13
6885-67G i	i5-3230M	4GBx1	15.6" l	HD	720p	500G	7200	TP 1	1a/b/g/n + B	Γ None	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 04/13
6885-68G	i7-3632QM	4GBx1	15.6" l	HD	720p	500G	7200	TP 1	1a/b/g/n + B	ΓNone	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 04/13
6885-69G i	i3-3120M	4GBx1	15.6" l	HD	720p	500G	7200	TP 1	1a/b/g/n + B	Γ None	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 04/13
6885-BPG	i5-3230M	4GBx1	15.6" I	FHD	720p	500G	7200	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win8 64	06/13
6885-2AG i	i5-3230M	4GBx1	15.6" I	FHD	720p	128G	SSD	Intel	2230 + BT	Ericsson	selectable	Numpad	Black	Finger	6	48	Win7 Pro6	4 07/13
6885-9WG	i3-3110M	4GBx1	15.6" l	HD	720p	500G	5400	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win8 64	06/13
6885-9XG i	i3-3110M	4GBx1	15.6" l	HD	720p	500G	5400	Intel	2230 + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro6	4 06/13

Positioning 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,	Preloaded operating system ²⁰ - Some: DOS-Lic.
	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 i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000,	 Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 64-bit Preloaded applications (only some
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), 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	isted, exclude DOS models) - Windows 7 models • Access Connections™
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	ThinkVantage Power Manager ThinkVantage Tools
Optical SATA disk	DVD burner, 9.5mm 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 or 9.5mm high, removable, upgradable, Active Protection System™	Lenovo SimpleTap Adobe® Reader® - Windows 8 models
M.2 SSD	None	Lenovo Support
Widescreen display	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare,	Lenovo Companion Lenovo Cloud Storage
Camera	LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	All models (exclude DOS models)ThinkVantage System Update
Graphics	Intel HD Graphics 3000 or Intel HD Graphics 4000 in processor,	 Norton™ Internet Security (30 days of virus definitions)
·	external analog monitor support via VGA DB-15 connector and	• Skype TM
	digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; Max external resolution: 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz	Microsoft Office preloaded; purchase a product key to activate Skype™
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch None	
Dimensions ³	15.6W" (WxDxH): 14.84" x 9.84" x 1.05-1.17"; 377 x 250mm x 26.6-29.6mm	
Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	6-cell: from 5.4 lb (2.46kg) 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 6.2 hr 6-cell (62Whr): up to 8.1 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard Multicard Reader Ports	None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, one USB 2.0 (powered), OneLink Docking port	
1 0110	external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN ⁴	One PCI Express Mini Card slot Some: 11a/b/g/n, PCIe Half Mini Card, ThinkPad 11a/b/g/n, 2x2, Wi-Fi + BT combo adapter Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, 2x2, Wi-Fi + BT combo adapter	
M.2 Card	One M.2 Card slot for support of WWAN card or SSD	Supports ThinkVantage® technologies
M.2 WWAN SIM card	Some: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 Card Some: User selectable, contract required with service provider	65-watt AC adapter
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card	EPEAT™ Gold rating
Ethernet 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	(exclude DOS models) ENERGY STAR® 6.0-compliant (exclude DOS models)
Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole None	RoHS-compliant
	UPEK Fingerprint reader on palm rest, swipe sensor	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
	1-year - depot repair service / service upgrades ²² available	during the warranty period ¹²

			Wide- screen		SA	sk \TA		Mini Card	M.2 Card		Numeric		print	Bat- Bat- tery tery	,	Ann date			
Type-model			display			rpm		VLAN / BT	/SSD	SIM card	Keypad T	op colo	r reader	cells/Wh	Preload	(,))			
6885-DBG			15.6" HD		500G			2230 + BT	None		Numpad			6 48	None	11/13			
6885-DCG 6885-DDG			15.6" HD 15.6" HD					2230 + BT 2230 + BT	None	None None	Numpad Numpad		None None		None Win8 64	11/13 11/13			
6885-DFG			15.6" HD					2230 + BT	None	None	Numpad		None		Win8 64	11/13			
6885-DHG			15.6" HD					11a/b/g/n + BT		None	Numpad		None	6 48	Win8 64	11/13			
6885-DKG	i3-3110N	/I 4GBx1	15.6" HD	720p	500G	5400		2230 + BT	None	None	Numpad		None	6 48	Win7 Pro6	4 11/13			
6885-DLG			15.6" HD					2230 + BT	None	None	Numpad		None	6 48	Win7 Pro6				
6885-DMG			15.6" HD					11a/b/g/n + BT		None	Numpad		None		Win7 Pro6				
6885-DNG			15.6" HD			5400		2230 + BT	None	None	Numpad		None		Win7 Pro6 Win8 64				
6885-DPG 6885-DRG								2230 + BT 2230 + BT	None	None None	Numpad Numpad		None None		Win7 Pro6	11/13			
6885-EYG						5400		2230 + BT	None	None	Numpad		None		Win8 64	12/13			
6885-EXG						5400		2230 + BT	None	None	Numpad		None		None	12/13			
6885-EVG			15.6" HD	720p	500G	5400	Inte	2230 + BT	None	None	Numpad	Black	None	6 48	Win8 64	12/13			
6885-EUG			15.6" HD					2230 + BT	None	None	Numpad		None	6 48	None	12/13			
6885-ETG			15.6" HD					2230 + BT	None	None	Numpad		None		None	12/13			
6885-ERG 6885-FFG			15.6" HD					l 2230 + BT l1a/b/g/n + BT	None	None None	Numpad Numpad		None		Win8 64 Win7 Pro6	12/13			
Positioning								liability for SME				Diack	INOTIC	0 40	VVIII7 1 100	4 01/14			
Processor	Di In Di In Di In	DR3 memore tel Core™ i: DR3 memore tel Core i3- DR3 memore tel Core i5- DR3 memore tel Core i7- DR3 memore tel Core i7-	y controlle 3-3110M p y controlle 3120M pro y controlle 3230M pro y controlle 3 controlle	r (up to rocess r (up to ocessor (up to ocessor (up to ocessor (up to rocess	1600M or (2 co 1600M (2 cor 1600M r (2 cor 1600M or (4 co	1Hz) ores, 2 1Hz), H es, 2.5 1Hz), H res, 2.6 1Hz), Ir ores, 2	2.40G IT ted 50GH IT ted 50GH atel Tu	z, 3MB cache)	e), Intel H , Intel H (3.20Gl e), Intel	HD Grap ID Grap HD Grap Hz), HT HD Gra	phics 4000, hics 4000, technology phics 4000	0, - , Pr 0, -	Some: Some: eloade ted, exc	Window 64 preir downgra Window Window ed applic clude No ws 7 mo		sional ugh I bit y some			
Memory	16	GB max ⁷ / lual-channel	PC3-12800	16001	/IHz DE	R3L, r	non-p	arity,	(3.2001	12), 111	technology		ThinkV	Connec antage F antage T	Power Mana	ger			
Optical SATA disk	D\ Sc	VD burner, 9 ome: Solid ome: Hard	0.5mm high State Drive Disk Drive	n, fixed, e (SSD) / SATA	not rer / SATA 3.0Gb/	movabl 6.0Gb s, 2.5"	e, tra o/s, 2 wide	y-in .5" wide, 7mm , 7mm or 9.5m				•	Lenovo SimpleTap Adobe® Reader® - Windows 8 models						
M.2 SSD	No	remo\ one	able, upgr	adable,	Active	Protec	tion S	system™						ws & mo Suppor					
Widescreen		ome: 15.6 "	(396mm) F	ID (136	6x768)	color	. anti-	·glare.				-	Lenovo	Compa	nion				
display	_	LED b ome: 15.6 "	acklight, 20 (396mm) F	00 nits, HD (19	16:9 as 20x10	spect ra 80) col	atio, 5 l or , a	500:1 contrast					All mod						
Camera	H							ixed focus, LE		itor				No OS n antage S	Bystem Upd	ate			
Graphics	ex di su <i>M</i>	gital monito ipports dual ax external	og monitor support v independe resolution:	suppor ia HDM ent disp 2048x1	t via VC I™ (sur Iay; I536 (V	GA DB- oportin 'GA) @	15 cd g HD 75Hz	onnector and CP to output p ; 1920x1200 (I			t);	•	 Norton™ Internet Security (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate 						
Keyboard TrackPoint® Touchpad	Tr	row, spill-re ackPoint po traNav™, w	inting devi	ce, Inter	net Sc	roll Ba	r ¹³	keypad ated five buttor	ıs, multi	-touch		•	Skype [⊤]	м					
Dimensions		5.6W" (WxD	xH): 14.84	x 9.84	" x 1.0	5-1.17"	,												
Weight ² Case color Case mater Battery - typ Battery - life	6- M ial Ad be ³⁷ Li	77 x 250mm cell: from 5 atte black o crylonitrile-E thium lon 6- cell (48Whr	.4 lb (2.46) Matte red Sutadiene-S cell	(g) (top), t Styrene	(ABS)	plastic		silver band (si	de); blad	ck bottor	m								
Chipset		obile Intel I				,	- 1					\dashv							
ExpressCar Multicard Re Ports	d No eader 4- Tv	one in-1 reader vo USB 3.0, tternal moni	MMC, SD one USB	, SDHC 2.0 (pov	, SDX0 wered),	OneLi													
PCIe Mini C PCIe WLAN	l ⁴ So	<i>ome:</i> 11b/g	/g/n, PCIe	Half Mi alf Mini	ni Card Card, I	, Think	Pad entrin	11a/b/g/n, 2x2, o® Wireless-N	Wi-Fi + 2230, 2	BT com	nbo adapte	r							
M.2 Card M.2 WWAN	No	ne M.2 Card one				N card	l or S	SD				_	••		intage® tech	nologies			
SIM card Bluetooth™		one uetooth 4.0	wireless i	ntegrate	ed in se	elected	WL A	N PCIe Half M	ini Caro	ı		65	-watt A	C adaptor Gold rat	er ina				
Ethernet	Re	ealtek® RTL	8111F Gig	abiť Ne	twork C	Connec	tion					-			models)				
Audio suppo Security	St	ereo digital	microphor	e, comi	bo audi	io/mic i	ack	c / stereo spea or password, s					NERGY (exclud	STAR®	6.0-complia 6 models)	nt			
Security chi Fingerprint	p No	one	-, -, -, -,			.,				.,		Int 24	ternatio hour x	nal Warr 7 day ¹⁸	anty Servic toll-free sup	port			
Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available during the warranty period ¹²									۷										

Type-model	Processor	Memor		Discrete graphics		SA		PCIe Mini Card WLAN / BT	M.2 Car WWAN /SSD	Numeric	Top color	Finger I print t reader o	erv terv		Ann date (mm/yy)
6885-26G	i7-3632QM	4GBx1	15.6" FHD	GT740M	720p	1TB	5400	Intel 2230 + BT	24G	Numpad	Black	Finger	6 62	Win7 Pro64	1 04/13
6885-27G	i7-3632QM	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	Intel 2230 + BT	24G	Numpad	Red	Finger	6 62	Win8 64	04/13
6885-29G	i5-3230M	4GBx1	15.6" FHD	GT740M	720p	500G	7200	Intel 2230 + BT	None	Numpad	Black	Finger	6 48	Win7 Pro64	1 04/13
6885-9YG	i7-3632QM	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	Intel 2230 + BT	24G	Numpad	Black	Finger	6 62	Win8 64	06/13
6885-B6G	i3-3120M	4GBx1	15.6" HD	710M	720p	500G	7200	Intel 2230 + BT	None	Numpad	Black	Finger	6 48	Win8 64	06/13
6885-B7G	i3-3120M	4GBx1	15.6" HD	710M	720p	128G	SSD	Intel 2230 + BT	None	Numpad	Black	Finger	6 48	Win7 Pro64	1 06/13
6885-B8G	i5-3230M	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	Intel 2230 + BT	None	Numpad	Black	Finger	6 48	Win8 64	06/13

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-3120M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-3230M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), 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 ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 64-bit Preloaded applications (only some
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	listed) - Windows 7 models
Optical SATA disk	DVD burner, 9.5mm 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 or 9.5mm high, removable, upgradable, Active Protection System™	Access Connections™ ThinkVantage Power Manager ThinkVantage Tools Lenovo SimpleTap
M.2 SSD	Some: M.2 Solid State Drive (SSD), via M.2 Card slot	Adobe® Reader®
Widescreen display Camera	Some: 15.6" (396mm) HD (1366x768) color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 300 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	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce® 710M, PCI Express® x 8, 1GB memory, DirectX® 11.1, or NVIDIA GeForce® GT740M, PCI Express® x 8, 2GB memory, DirectX® 11.1, 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	All models ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint pointing device, Internet Scroll Bar¹³ UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch None	
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷ Battery - life ¹⁰	15.6W" (WxDxH): 14.84" x 9.84" x 1.05-1.17"; 377 x 250mm x 26.6-29.6mm 6-cell: from 5.5 lb (2.49kg) 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 6.2 hr 6-cell (62Whr): up to 8.0 hr	
Chipset	Mobile Intel HM77 Express Chipset	
ExpressCard Multicard Reader Ports	None 4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0, one USB 2.0 (powered), OneLink Docking port external monitor (VGA DB-15, HDMI), ethernet (RJ-45)	
PCIe Mini Card PCIe WLAN ⁴	One PCI Express Mini Card slot 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
M.2 Card M.2 WWAN	One M.2 Card slot for support of WWAN card or SSD None	
Bluetooth™	Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card	Supports ThinkVantage® technologies
Ethernet Audio support	Realtek® RTL8111F Gigabit Network Connection High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 2 watt x 2 / Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack	90-watt AC adapter EPEAT™ Gold rating
Security	Power-on password, hard disk password, supervisor password, security keyhole	ENERGY STAR® 6.0-compliant RoHS-compliant
Security chip Fingerprint reader	None UPEK Fingerprint reader on palm rest, swipe sensor	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available	during the warranty period ¹²