



Lenovo® ThinkPad E540



Lenovo ThinkPad E540



Lenovo ThinkPad E540 with Numeric Keypad



Lenovo ThinkPad E540 with Touch Screen



with Touch Screen



Type-model Pr	rocessor	Memory	Wide- screen display C	amera	Disk SATA GB ⁸ rpm	PCle Mini Card WLAN / BT	M.2 Card WWAN /SSD	SIM card	Numeric Keypad	Top color	Finger print reader	tery	tery		Ann date (mm/yy)			
20C60043++ i5	5-4200M	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	None	10/13			
	3-4000M		15.6" HD	720p	128G SSD	Intel 7260 + BT	None	None	Numpad	Black	Finger		48	Win8 64	10/13			
	5-4200M		15.6" FHD		500G 7200	Intel 7260 + BT	None	None	Numpad	Black	Finger		48	Win8 64	10/13			
	3-4000M 3-4000M		15.6" HD	720p	128G SSD	Intel 7260 + BT	None None	None	Numpad	Black	Finger		48	Win7 P64 DG Win8	10/13			
			15.6" HD 15.6" HD	720p 720p	500G 7200 500G 7200	Intel 7260 ac + BT Intel 7260 ac + BT		None None	Numpad Numpad	Black	Finger Finger		48 48	Win7 P64 DG Win8 Win7 P64 DG Win8	10/13 10/13			
	5-4200M		15.6" FHD		128G SSD	Intel 7260 + BT	Ericsson	select	Numpad	Black	Finger		48	Win7 P64 DG Win8	10/13			
	5-4200M		15.6" HD	720p	500G 7200	Intel 7260 ac + BT		None	Numpad	Black	Finger		48	Win7 P64 DG Win8	10/13			
	3-4000M		15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad		Finger		48	None	11/13			
20C600BR++ i5	5-4200M	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 ac + BT	None	None	Numpad	Red	Finger	6	48	Win7 P64 DG Win8	04/14			
	7-4702MQ				1TB 5400	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	None	06/14			
	3-4000M		15.6" HD		500G 7200	Intel 7260 ac + BT		None	Numpad	Black		6	48	Win8.1 64	06/14			
	3-4000M		15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black			48	None	06/14			
	7-4702MQ			720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black	Finger		48	Win8.1 64	06/14			
	3-4000M 23550M		15.6" HD 15.6" HD	720p 720p	500G 7200 500G 7200	Intel 7260 + BT Intel 7260 + BT	None None	None None	Numpad Numpad	Black	None	6	48 48	Win8.1 64 None	06/14 07/14			
	23550M		15.6" HD	720p 720p	500G 7200 500G 7200	Intel 7260 + BT	None	None	Numpad	Black			48	Win8.1 64	07/14			
200000L0++ F	3330W	4GDX1	13.0 110	720p	300G 7200	III.e. 7200 + D1	None	None	Numpau	Diack	None	O	40	VVIIIO.1 04	07/14			
Positioning Processor	Intel® DDR(Intel DDR(Intel DDR(Intel DDR(Intel	Pentium memori Core™ i memori memori Core i5- memori Core i7-	m [®] 3550M ry controlle 3-4000M p ry controlle -4200M pr ry controlle -4702MQ p	proce er (up t proces er (up t ocess er (up t proces	essor (2 coresto 1600MHz coresto 1600MHz coresto 1600MHz coresto 1600MHz coresto 1600MHz coresto (4 cor	ty and reliability fores, 2.30GHz, 2M (2); s, 2.40GHz, 3MB (2), HT technology, 2.50GHz, 3MB (2), Intel Turbo Boces, 2.20GHz, 6ME (2), Intel Turbo Botelz), Intel Turbo Botelz	B cache), locache), locach	Intel Hotel HD tel HD (0GHz) Intel HI	ID Graphic O Graphics Graphics , HT techr D Graphic	cs, s 4600 4600, nology cs 460) - 3 - 3 0, - 3	Som Som	e: N e: W 64 do W W	operating system o operating system o operating system findows 7 Profess 4 preinstalled throupwngrade rights in findows 8 Pro 64-bit findows 8 64-bit	n sional ugh oit or			
Memory	16GE	3 max ⁷ /	PC3-1280	0 1600	MHz DDR3	BL, non-parity, MM sockets		200112	-), 111 1001	o.ogj	Pre			applications (only de No OS models)				
Optical SATA disk	DVD Some	burner, s e: Solid e: Hard	9.5mm hig State Driv Disk Drive	h, fixed e (SSE e / SAT/	d, not remo 0) / SATA 6. A 3.0Gb/s, 2	vable, tray-in 0Gb/s, 2.5" wide, 2.5" wide, 9.5mm		l			- V	Vind Adob	lows e® F	7 models Reader®)			
M.2 SSD	None		vable, upg	radable	e, Active Pro	otection System™					• L	eno	vo S	8 models upport				
Widescreen display		LED b :: 15.6 "	àcklight, 2 (396mm) I	200 nits FHD (1	866x768) , a s, 16:9 aspe 1 920x1080) s, 16:9 aspe	ect ratio , anti-glare,					• L	Lenovo Companion Lenovo Cloud Storage All models						
Camera		20p reso	lution, face	e track	, low light se	ensitive, fixed foci	us, LED inc	dicator			 • 	Vorto	on™	tage System Upda Internet Security				
Graphics	exteri digita	nal anal I monito		suppo via HD	ort via VGA MI™ (suppo	DB-15 connector orting HDCP to ou		cted co	entent);		• Ň	/licro	soft	of virus definitions; Office preloaded; a product key to a				
Keyboard TrackPoint® Touchpad ThinkLight™	Track	Point po Nav™, w	inting devi	ice, Inte	ernet Scroll	numeric keypad Bar ¹³ d, integrated five	buttons, m	nulti-tou	ıch									
Dimensions ³ Weight ² Case color Case material Battery - type ³⁷	377 x 6-cell Matte Acryle	250mm l: from 5 black o	n x 26.6-29 5.4 lb (2.46 or Matte red Butadiene-).6mm ikg) d (top),	34" x 1.05-1 , trimmed w e (ABS) pla	ith a thin silver ba	ınd (side);	black b	oottom									
Battery - life ¹⁰	6-cell	l (48Whi	r): up to 6.2		Chinost	6-cell (62Whr): up to 7.4	hr			\dashv							
Chipset ExpressCard Multicard Read Ports	None ler 4-in-1 Two l exteri	reader JSB 3.0), SDH 2.0 (p	C, SDXC) owered), Oi	neLink Docking p ernet (RJ-45)	ort											
PCIe Mini Card PCIe WLAN ⁴	Some Wi-Fi Some	e: 11b/g + Blueto e: 11ac,	ooth comb PCIe Half	łalf Mir o adap f Mini C	ni Card, Inte Iter, 2x2 Card, Intel D	el Wireless-N 7260 Dual Band Wireles),			Q	nor	te Ti	ninkVantage® toch	nologias			
M.2 Card M.2 WWAN SIM card Bluetooth™ Ethernet Audio support Security Security chip	Wi-Fi One I Some Some Bluete Realt High Dolby Powe Truste	+ Blueto M.2 Care e: Wirele e: User ooth 4.0 ek® RTL Definitio Advance er-on passed Platfo	ooth combod slot for siess WAN, selectable wireless, i 8111GUS on (HD) Auced Audio ssword, hapm Modulo	o adap upport Ericsso , contra integra Gigab dio, Co v2 cert rd disk e, TCG	of WWAN of WWAN of WWAN of WWAN of WAN of WA	card or SSD HSPA+ 21Mbps/d I with service proveted WLAN PCIe Connection 20751-21Z codec co digital microphics supervisor passy	GSM/GPR vider Half Mini C / stereo s one, comb	S/EDG Card peaker o audio	s, o/mic jack	1.2 Car	65- 65- 6N (EN (Inte	watt EAT excli ERG excli HS-c ernat	: AC ™ Go ude l GY S ude l comp tiona r x 7	ainkVantage® techr adapter old rating No OS models) TAR® 6.0-compliar No OS models) oliant Il Warranty Service day ¹⁸ toll-free supp e warranty period ¹²	nt 9 ¹⁷ port			
Fingerprint read						nsor grades ²² available												

			Wide- screen			isk ATA	PCle Mini Card	M.2 Card WWAN	SIM	Numeric		Finger print		Bat- tery		Ann date
Type-model	Processor	Memor	y display	Camera	a GB ⁸	rpm	WLAN / BT	/SSD	card	Keypad To	p colo	reader	cells	/Wh	Preload	(mm/yy)
20C600HW++	P3560M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	None	6	48	Win8.1 64	05/14
20C600HT++	i5-4300M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	None	6	48	Win8.1 64	05/14
20C600J3++	i5-4210M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	None	05/14
20C600HY++	i5-4210M	4GBx1	15.6" FHD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	Win8.1 64	05/14
20C600HX++	P3560M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	None	6	48	None	05/14
20C600J9++	i5-4210M	4GBx1	15.6" HD	720p	1TB	5400	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro64	06/14
20C600JB++	i5-4210M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 ac + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro64	06/14
20C600JG++	i3-4100M	4GBx1	15.6" HD	720p	128G	SSD	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro64	06/14
20C600JK++	i5-4210M	4GBx1	15.6" FHD	720p	128G	SSD	Intel 7260 + BT	None	None	Numpad	Black	Finger	6	62	Win7 Pro64	06/14
20C600JE++	i5-4300M	4GBx1	15.6" HD	720p	1TB	5400	Intel 7260 ac + BT	None	None	Numpad	Black	None	6	48	Win7 Pro64	06/14
20C600JC++	i5-4210M	4GBx1	15.6" FHD	720p	128G	SSD	Intel 7260 + BT	Ericsson	select	Numpad	Black	Finger	6	62	Win7 Pro64	06/14
20C600JJ++	i5-4210M	4GBx1	15.6" HD	720p	500G	5400	Intel 7260 ac + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro64	06/14
20C600JD++	i3-4000M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 + BT	None	None	Numpad	Black	None	6	48	Win7 Pro64	06/14
20C600JV++	i5-4210M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 ac + BT	None	None	Numpad	Red	Finger	6	48	Win7 Pro64	06/14
20C600JF++	i3-4100M	4GBx1	15.6" HD	720p	500G	7200	Intel 7260 ac + BT	None	None	Numpad	Black	Finger	6	48	Win7 Pro64	06/14

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

Note: models listed a	above might not be available in all WE countries	
Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Pentium® 3560M processor (2 cores, 2.40GHz, 2MB cache), Intel HD Graphics, DDR3 memory controller (up to 1600MHz) Intel Core™ i3-4000M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i3-4100M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core™ i5-4210M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-4300M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ - Some: No operating system - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit - Some: Windows 8.1 64-bit Preloaded applications (only some listed, exclude No OS models)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Windows 7 models Adobe® Reader®
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, 9.5mm high, removable, upgradable, Active Protection System™	Windows 8 models Lenovo Support Lenovo Companion Lenovo Cloud Storage
M.2 SSD	None	All and dele
Widescreen display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio	 All models ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions) Microsoft Office preloaded;
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	purchase a product key to activate
Graphics	Intel HD Graphics or Intel HD Graphics 4600 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display	
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 5.4 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 7.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM87 Express Chipset 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 Half Mini Card slot Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
	One M.2 Card slot for support of WWAN card or SSD Some: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 Card Some: User selectable, contract required with service provider Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111GUS Gigabit Network Connection High Definition (HD) Audio, Conexant CX20751-21Z codec / stereo speakers, Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Some: Fingerprint reader on palm rest, swipe sensor	Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating (exclude No OS models) ENERGY STAR® 6.0-compliant (exclude No OS models) RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹2

Type-model	Processor	Memory	Wide- screen display	Came	Disk SATA ra GB [®] rpn	PCle Mini Card WLAN / BT	M.2 Card WWAN /SSD	SIM card	Numeric Keypad	Top color	Finger print reader		ter	t- Bat y ter ls/W	y	Ann date (mm/yy)
20C600LH++	i7-4712MQ	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black	Finger	en	6	48	Win8.1 64	09/14
20C600LD++	i7-4712MQ	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 ac + E	T None	None	Numpad	Black	Finger	en	6	48	Win7 P64 DG \	Vin8.1 09/14
20C600LR++	i3-4000M	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black	None	en	6	48	Win7 P64 DG \	Vin8.1 02/15
20C600LS++	i3-4000M	4GBx1	15.6" HD	720p	500G 7200	Intel 7260 + BT	None	None	Numpad	Black	None	en	6	48	Win7 P64 DG \	Vin8.1 02/15

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	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-4000M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i7-4712MQ processor (4 cores, 2.30GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ - Some: No operating system - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Windows 8.1 Pro 64-bit - Some: Windows 8.1 64-bit
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, 9.5mm high, removable, upgradable, Active Protection System™	Preloaded applications (only some listed, exclude No OS models) - Windows 7 models
M.2 SSD	None	Adobe® Reader®
Widescreen display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	- Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage
Graphics	Intel HD Graphics or Intel HD Graphics 4600 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display	All models ThinkVantage System Update Norton™ Internet Security (30 days of virus definitions)
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	Microsoft Office preloaded; purchase a product key to activate
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 5.4 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 7.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM87 Express Chipset 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 Half Mini Card slot Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
M.2 Card M.2 WWAN	One M.2 Card slot for support of WWAN card or SSD Some: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 Card	Supports ThinkVantage® technologies
SIM card Bluetooth™ Ethernet Audio support Security Security chip Fingerprint reader	Some: User selectable, contract required with service provider Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111GUS Gigabit Network Connection High Definition (HD) Audio, Conexant CX20751-21Z codec / stereo speakers, Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant, some are enabled, some are disabled Some: Fingerprint reader on palm rest, swipe sensor	65-watt AC adapter EPEAT™ Gold rating (exclude No OS models) ENERGY STAR® 6.0-compliant (exclude No OS models) RoHS-compliant International Warranty Service¹ 24 hour x 7 day¹8 toll-free support during the warranty period¹²
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Type-model	Processor	Memory	Wide- screen display	Discrete graphics		SA	sk NTA rpm	PCIe Mini Card WLAN / BT		Numeric	Top color	Finger print reader		ter	t-Bat y tery ls/Wi	1	Ann date (mm/yy)
20C6003Y++	i3-4000M		15.6" HD	710M				7260 + BT		Numpad	Black	Finger	en	6	48	Win8 64	10/13
20C60044++	i7-4702MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Red	Finger	en	6	62	Win8 64	10/13
20C60045++	i5-4200M	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	None	Numpad	Black	Finger	en	6	48	Win8 64	10/13
20C6003V++	i5-4200M	4GBx1	15.6" FHD	GT740M	720p	500G	7200	7260 + BT	None	Numpad	Black	Finger	en	6	48	Win7 P64 DG Win8	10/13
20C60040++	i3-4000M	4GBx1	15.6" FHD	710M	720p	128G	SSD	7260 + BT	None	Numpad	Black	Finger	en	6	48	Win7 P64 DG Win8	10/13
20C6003Q++	i7-4702MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8	10/13
20C6003A++	i7-4702MQ	4GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8	10/13
20C6006G++	i3-4000M	4GBx1	15.6" HD	GT740M	720p	500G	7200	7260 + BT	None	Numpad	Black	Finger	en	6	48	None	11/13
20C6006J++	i5-4200M	4GBx1	15.6" HD	GT740M	720p	500G	7200	7260 + BT	None	Numpad	Black	Finger	en	6	48	None	11/13
20C6008F++	i7-4702MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win8 64	12/13
20C600JA++	i5-4210M	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	None	Numpad	Black	Finger	dis	6	48	Win8.1 64	06/14
20C600JH++	i5-4210M	4GBx1	15.6" FHD	GT740M	720p	500G	7200	7260 + BT	None	Numpad	Black	Finger	dis	6	48	Win7 P64 DG Win8.1	06/14
20C600LF++	i7-4712MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Red	Finger	en	6	62	Win8.1 64	09/14
20C600LG++	i7-4712MQ	4GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8.1	09/14
20C600LJ++	i7-4712MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win8.1 64	09/14
20C600LL++	i7-4712MQ	8GBx1	15.6" FHD	GT740M	720p	1TB	5400	7260 + BT	16GB	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8.1	09/14

Positioning Processor	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-4000M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-4200M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-4210M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i7-4702MQ processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i7-4712MQ processor (4 cores, 2.30GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system - Some: No operating system - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit or Windows 8.1 Pro 64-bit - Some: Windows 8 64-bit - Some: Windows 8 1.64-bit Preloaded applications (only some listed, exclude No OS models)
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	- Windows 7 models • Adobe® Reader®
Optical SATA disk M.2 SSD	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, 9.5mm high, removable, upgradable, Active Protection System™ Some: M 3.Sqlid State Drive (SSD), via M 3.Card slot	- Windows 8 models • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage
Widescreen display	Some: M.2 Solid State Drive (SSD), via M.2 Card slot Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	- All models - ThinkVantage System Update - Norton™ Internet Security (30 days of virus definitions) - Microsoft Office preloaded;
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4600 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	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 5.4 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 7.4 hr	
Ports	Mobile Intel HM87 Express Chipset 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 M.2 Card	One PCI Express Half Mini Card slot 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 One M.2 Card slot for support of WWAN card or SSD	Supports ThinkVantage® technologies
M.2 WWAN Bluetooth™ Ethernet Audio support Security	None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111GUS Gigabit Network Connection High Definition (HD) Audio, Conexant CX20751-21Z codec / stereo speakers, Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole	90-watt AC adapter EPEAT™ Gold rating (exclude No OS models) ENERGY STAR® 6.0-compliant (exclude No OS models)
Security chip Fingerprint reader	Trusted Platform Module, TCG 1.2-compliant, some are enabled, some are disabled Fingerprint reader on palm rest, swipe sensor 1-year - depot repair service / service upgrades ²² available	RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
	poro detailed information	© Langua

Type-model	Processor	Memory	Wide- screen display	Camera	Disk SATA GB ⁸ rpm	PCIe Mini Card WLAN / BT		l Numeric Keypad	Top	Finger print		Bat- tery	tery		Ann date
															(mm/yy)
20C6003X++	i5-4200M	8GBx1	15.6" HD Touch	720p	500G 7200	Intel 7260 ac + B	Г 16GB	Numpad	Black	Finger	en	6	62	Win8 64	10/13
20C6004M++	i3-4000M	4GBx1	15.6" HD Touch	720p	128G SSD	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win8 64	10/13
20C6003W++	i7-4702MQ	8GBx1	15.6" HD Touch	720p	1TB 5400	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win8 64	10/13
20C600BE++	i5-4200M	8GBx1	15.6" HD Touch	720p	500G 5400	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	62	Win8.1 64	03/14
20C600J2++	i3-4100M	4GBx1	15.6" HD Touch	720p	128G SSD	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win8.1 64	05/14
20C600J1++	i5-4210M	8GBx1	15.6" HD Touch	720p	500G 7200	Intel 7260 ac + B	Γ 16GB	Numpad	Black	Finger	en	6	62	Win8.1 64	05/14
20C600LN++	i5-4210M	8GBx1	15.6" HD Touch	720p	500G 7200	Intel 7260 ac + B	Γ 16GB	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8.	1 09/14
20C600LK++	i7-4712MQ	8GBx1	15.6" HD Touch	720p	1TB 5400	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win8.1 64	09/14
20C600LP++	i7-4712MQ	8GBx1	15.6" HD Touch	720p	1TB 5400	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win7 P64 DG Win8.	1 09/14
20C600LM++	i3-4100M	8GBx1	15.6" HD Touch	720p	500G 7200	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	62	Win7 P64 DG Win8.	1 09/14
20C600LQ++	i3-4100M	4GBx1	15.6" HD Touch	720p	128G SSD	Intel 7260 ac + B	Γ None	Numpad	Black	Finger	en	6	48	Win7 P64 DG Win8.	1 09/14

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	Sophisticated design with quality, durability and reliability for SMB customers; two spindles Intel® Core™ i3-4000M processor (2 cores, 2.40GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i3-4100M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-4200M processor (2 cores, 2.50GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i5-4210M processor (2 cores, 2.60GHz, 3MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i7-4702MQ processor (4 cores, 2.20GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i7-4712MQ processor (4 cores, 2.30GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-4712MQ processor (4 cores, 2.30GHz, 6MB cache), Intel HD Graphics 4600, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit or Windows 8.1 Pro 64-bit - Some: Windows 8 64-bit - Some: Windows 8.1 64-bit Preloaded applications (only some listed, for Windows 8/8.1 models) Lenovo Support Lenovo Companion
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Lenovo Companion Lenovo Cloud Storage ThinkVantage System Update
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, 9.5mm high, removable, upgradable, Active Protection System™ Some: M.2 Solid State Drive (SSD), via M.2 Card slot	Norton™ Internet Security (30 days of virus definitions) Microsoft Office preloaded; purchase a product key to activate
Widescreen display	Some: 15.6" (396mm) HD (1366x768), anti-glare, 10-point touch screen LED backlight, 200 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio	
Camera	HD720p resolution, face track, low light sensitive, fixed focus, LED indicator	
Graphics	Intel HD Graphics 4600 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display	
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 5.4 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 7.4 hr	
Chipset ExpressCard Multicard Reader Ports	Mobile Intel HM87 Express Chipset 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 M.2 Card	One PCI Express Half Mini Card slot 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2 One M.2 Card slot for support of WWAN card or SSD	
M.2 WWAN Bluetooth™ Ethernet Audio support	None Bluetooth 4.0 wireless, integrated in selected WLAN PCIe Half Mini Card Realtek® RTL8111GUS Gigabit Network Connection High Definition (HD) Audio, Conexant CX20751-21Z codec / stereo speakers, Delhy Advanced Audio 2 certified / Storeo digital microphone combo audio/micropky	Supports ThinkVantage® technologies 65-watt AC adapter EPEAT™ Gold rating
	Dolby Advanced Audio v2 certified / Stereo digital microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant, some are enabled, some are disabled Fingerprint reader on palm rest, swipe sensor	ENERGY STAR® 6.Ŏ-compliant RoHS-compliant 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