



Lenovo® ThinkPad W550s



Lenovo ThinkPad W550s



Lenovo ThinkPad W550s



Lenovo ThinkPad W550s



Lenovo ThinkPad W550s

ThinkPad W550s Platform Specifications

Product Specifications Reference (PSREF)

Processor	5th Generation Intel® Core™ i5 / i7 Processor								Smart card reader Media reader Ports Camera Audio support	Optional: Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector HD720p resolution, low light sensitive, fixed focus HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics									
	i5-5300U	2	4	2.3 GHz	2.9 GHz	3MB	DDR3L-1600	Intel HD Graphics 5500									
	i7-5500U			2.4 GHz	3 GHz	4MB											
i7-5600U	2.6 GHz			3.2 GHz	4MB												
Graphics	Intel HD Graphics 5500 in processor and NVIDIA Quadro® K620M, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 2560x1600@60Hz (VGA)								Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch							
Chipset Memory	Intel SoC (System on Chip) platform 32GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Security Security chip ThinkEngine	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures							
Display	Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.5" (394mm) 3K (2880x1620), anti-glare, LED backlight, 350 nits, 16:9 aspect ratio, 1000:1 contrast ratio, IPS								vPro (optional) Fingerprint reader	Intel vPro Technology Optional: Fingerprint reader on the palm rest, swipe sensor							
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits								Internal battery External battery Max battery life ¹⁰	Optional: Integrated Li-Polymer 3-cell (44Wh) Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh)							
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ Some: SSHD with 8GB NAND flash memory Single-sided M.2 SSD, via M.2 card slot None										<table border="1"> <thead> <tr> <th>Models</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 48Wh</th> <th>3-cell + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>12.7 hr</td> <td>17.3 hr</td> <td>21.8 hr</td> </tr> </tbody> </table>	Models	3-cell + 3-cell	3-cell + 6-cell 48Wh	3-cell + 6-cell 72Wh	Battery life	12.7 hr
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Battery life	12.7 hr	17.3 hr	21.8 hr														
M.2 SSD (opt) Optical									AC adapter	65W Slim or 65W AC adapter							
Ethernet	Non-vPro model: Intel Ethernet Connection I218-V (Clarkville) vPro model: Intel Ethernet Connection I218-LM (Clarkville)								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64 • Lenovo Solution Center • Lenovo SHAREit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • PC Device Stage • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) For ISV certifications, please visit www.lenovo.com/support/ISV							
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																
WLAN ⁴	One of the following, configurable by model: • 11b/g/n, ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card • 11b/g/n, Intel Wireless-N 7265, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card • 11a/b/g/n, Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT adapter, M.2 card • 11ac, Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT adapter, M.2 card																
WWAN (optional)	One of the following, configurable by model: • Wireless WAN upgradable • Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card • Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card																
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider								Limited warranty ¹²	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service ²⁴ • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)							
Dimensions ³	15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm 15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm								Mil-Spec test	MIL-STD-810G military certification							
Weight ²	Models	No + 6-cell		3-cell + 3-cell		3-cell + 6-cell		Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant								
	Non-touch	5.01 lb / 2.27 kg		4.78 lb / 2.17 kg		5.12 lb / 2.32 kg											
	Multi-touch	-		5.09 lb / 2.31 kg		5.43 lb / 2.46 kg											
Case material	Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model); Bottom: Glass-Fiber Reinforced Plastic																

ThinkPad W550s 20E2 (Discrete) - TopSeller

Product Specifications Reference (PSREF)

Model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Camera	Backlit key-board	Finger-print reader	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Glob-al	Ann date (m/y)	
20E2000TUS	i7-5500U	No	K620M	8GBx1	15.5" 3K IPS	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000VUS	i7-5500U	No	K620M	8GBx2	15.5" 3K IPS	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000XUS	i7-5500U	No	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000YUS	i7-5500U	No	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	No+6(48wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E20010US	i7-5500U	No	K620M	8GBx1	15.5" 3K IPS	No	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	No+6(48wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E20017US	i7-5500U	No	K620M	8GBx1	15.6" FHD	No	256G SSD Opal2	None	7265 ac+BT	None	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000QUS	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	MT	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000RUS	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	MT	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	01/15
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20E2000UUS	i7-5600U	vPro	K620M	8GBx2	15.6" FHD	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E2000WUS	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(48wh)	65W	Win8.1 DG	Win7	3-depot	No	01/15
20E20019US	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	03/15
20E2001AUS	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	03/15
20E2001BUS	i7-5500U	No	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	04/15
20E2001CUS	i7-5500U	No	K620M	8GBx1	15.5" 3K IPS	No	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG	Win7	3-depot	No	04/15
20E20023US	i7-5500U	No	K620M	8GBx1	15.5" 3K IPS	MT	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win10 DG	Win7	3-depot	No	09/15
20E20021US	i7-5500U	No	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	No+6(48wh)	65W	Win10 DG	Win7	3-depot	No	09/15

• For detailed platform specifications, please see [ThinkPad W550s Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ i5 / i7 Processor	Dimensions ³	15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm 15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm																																		
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Graphics	Intel HD Graphics 5500 in processor and NVIDIA Quadro® K620M, 2GB memory	Case material	Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model); Bottom: Glass-Fiber Reinforced Plastic																																		
Chipset	Intel SoC (System on Chip) platform	Smart card reader	Optional: Smart card reader																																		
Memory	32GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																																		
Display	Some: 15.6" (396mm) FHD (1920x1080), 300 nits, 400:1 or 500:1 contrast ratio Some: 15.5" (394mm) 3K (2880x1620), 350 nits, 1000:1 contrast ratio, IPS	Ports	Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector																																		
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits	Camera	HD720p resolution, low light sensitive, fixed focus																																		
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS Some: SSHD with 8GB NAND flash memory	Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack																																		
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot	Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight																																		
Optical	None	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch																																		
Ethernet	Intel Ethernet Connection I218-V (Non-vPro model) or I218-LM (vPro model)	Security	Power-on password, hard disk password, supervisor password, security keyhole																																		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Security chip	Trusted Platform Module, TCG 1.2-compliant																																		
WLAN ⁴	11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card 7265 b/g/n+BT: Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 a/b/g/n+BT: Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 ac+BT: Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT, M.2 card	vPro (optional)	Intel vPro Technology																																		
WWAN (optional)	Upg: Wireless WAN upgradable N5321: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card EM7345: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card	Fingerprint reader	Optional: Fingerprint reader on the palm rest, swipe sensor																																		
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider	Internal battery	Optional: Integrated Li-Polymer 3-cell (44Wh)																																		
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		AC adapter	65W Slim or 65W AC adapter																																		
		Preload	Win8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64 Win8.1 64: Windows 8.1 64-bit Win8.1 P64: Windows 8.1 Pro 64-bit Win10 P64: Windows 10 Pro 64																																		
		Limited warranty ¹²	1-year depot / 3-year (1-yr battery) depot / 3-year (1-year battery) onsite / 3-year (1-year battery) onsite, OID																																		

See footnotes for more detailed information

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ThinkPad W550s 20E2 (Discrete) - TopSeller (Windows 10)

Product Specifications Reference (PSREF)

Model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Camera	Backlit key-board	Finger-print reader	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Global	Ann date (m/y)
20E20022US	i7-5500U	No	K620M	8GBx1	15.5" 3K IPS	MT	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win10 P64	3-depot	No	09/15

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Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits																		
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS Some: SSHD with 8GB NAND flash memory																		
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot																		
Optical	None						Smart card reader Optional: Smart card reader Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector Camera HD720p resolution, low light sensitive, fixed focus Audio support HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Trusted Platform Module, TCG 1.2-compliant vPro (optional) Intel vPro Technology Fingerprint reader Optional: Fingerprint reader on the palm rest, swipe sensor												
Ethernet	Intel Ethernet Connection I218-V (Non-vPro model) or I218-LM (vPro model)																		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																		
WLAN ⁴	11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card 7265 b/g/n+BT: Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 a/b/g/n+BT: Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 ac+BT: Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT, M.2 card																		
WWAN (optional)	Upg: Wireless WAN upgradable N5321: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card EM7345: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card						Internal battery Optional: Integrated Li-Polymer 3-cell (44Wh) External battery Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh) Max battery life ¹⁰ <table border="1"> <thead> <tr> <th>Models</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 48Wh</th> <th>3-cell + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>12.7 hr</td> <td>17.3 hr</td> <td>21.8 hr</td> </tr> </tbody> </table>	Models	3-cell + 3-cell	3-cell + 6-cell 48Wh	3-cell + 6-cell 72Wh	Battery life	12.7 hr	17.3 hr	21.8 hr				
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Battery life	12.7 hr	17.3 hr	21.8 hr																
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider																		
	AC adapter 65W Slim or 65W AC adapter																		
	Preload Win8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64 Win8.1 64: Windows 8.1 64-bit Win8.1 P64: Windows 8.1 Pro 64-bit Win10 P64: Windows 10 Pro 64																		
	Limited warranty ¹² 1-year depot / 3-year (1-yr battery) depot / 3-year (1-year battery) onsite / 3-year (1-year battery) onsite, OID																		

See footnotes for more detailed information

(SZ1W-4) © Lenovo

ThinkPad W550s 20E1 (Discrete) - Windows 8

Product Specifications Reference (PSREF)

Model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Camera	Backlit key-board	Finger-print reader	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Glob-al	Ann date (m/y)
20E1000WUS	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	MT	512G SSD	None	7265 ac+BT	EM7345	AT&T	None	720p	Backlit	Finger	3+3	65W	Win8.1 P64	3-depot	No	01/15

• For detailed platform specifications, please see [ThinkPad W550s Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ i5 / i7 Processor						Dimensions ³ 15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm 15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm												
	Processor	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types													
	i5-5300U	2	2.3 GHz	2.9 GHz	3MB	DDR3L-1600													
	i7-5500U		2.4 GHz	3 GHz	4MB														
i7-5600U	2.6 GHz		3.2 GHz	4MB															
Graphics	Intel HD Graphics 5500 in processor and NVIDIA Quadro® K620M, 2GB memory						Weight ² <table border="1"> <thead> <tr> <th>Models</th> <th>No + 6-cell</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell</th> </tr> </thead> <tbody> <tr> <td>Non-touch</td> <td>5.01 lb / 2.27 kg</td> <td>4.78 lb / 2.17 kg</td> <td>5.12 lb / 2.32 kg</td> </tr> <tr> <td>Multi-touch</td> <td>-</td> <td>5.09 lb / 2.31 kg</td> <td>5.43 lb / 2.46 kg</td> </tr> </tbody> </table>	Models	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell	Non-touch	5.01 lb / 2.27 kg	4.78 lb / 2.17 kg	5.12 lb / 2.32 kg	Multi-touch	-	5.09 lb / 2.31 kg	5.43 lb / 2.46 kg
Models	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell																
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Multi-touch	-	5.09 lb / 2.31 kg	5.43 lb / 2.46 kg																
Chipset	Intel SoC (System on Chip) platform																		
Memory	32GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets																		
Display	Some: 15.6" (396mm) FHD (1920x1080), 300 nits, 400:1 or 500:1 contrast ratio Some: 15.5" (394mm) 3K (2880x1620), 350 nits, 1000:1 contrast ratio, IPS						Case material Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model); Bottom: Glass-Fiber Reinforced Plastic												
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits																		
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS Some: SSHD with 8GB NAND flash memory																		
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot																		
Optical	None						Smart card reader Optional: Smart card reader Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector Camera HD720p resolution, low light sensitive, fixed focus Audio support HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Trusted Platform Module, TCG 1.2-compliant vPro (optional) Intel vPro Technology Fingerprint reader Optional: Fingerprint reader on the palm rest, swipe sensor												
Ethernet	Intel Ethernet Connection I218-V (Non-vPro model) or I218-LM (vPro model)																		
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																		
WLAN ⁴	11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card 7265 b/g/n+BT: Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 a/b/g/n+BT: Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 ac+BT: Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT, M.2 card																		
WWAN (optional)	Upg: Wireless WAN upgradable N5321: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card EM7345: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card						Internal battery Optional: Integrated Li-Polymer 3-cell (44Wh) External battery Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh) Max battery life ¹⁰ <table border="1"> <thead> <tr> <th>Models</th> <th>3-cell + 3-cell</th> <th>3-cell + 6-cell 48Wh</th> <th>3-cell + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>12.7 hr</td> <td>17.3 hr</td> <td>21.8 hr</td> </tr> </tbody> </table>	Models	3-cell + 3-cell	3-cell + 6-cell 48Wh	3-cell + 6-cell 72Wh	Battery life	12.7 hr	17.3 hr	21.8 hr				
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Battery life	12.7 hr	17.3 hr	21.8 hr																
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider																		
	AC adapter 65W Slim or 65W AC adapter																		
	Preload Win8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64 Win8.1 64: Windows 8.1 64-bit Win8.1 P64: Windows 8.1 Pro 64-bit Win10 P64: Windows 10 Pro 64																		
	Limited warranty ¹² 1-year depot / 3-year (1-yr battery) depot / 3-year (1-year battery) onsite / 3-year (1-year battery) onsite, OID																		

See footnotes for more detailed information

(SZ1W-2) © Lenovo

ThinkPad W550s 20E1 (Discrete) - Onsite

Product Specifications Reference (PSREF)

Model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Camera	Backlit key-board	Finger-print reader	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Glob-al	Ann date (m/y)	
20E10000US	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10001US	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10002US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	MT	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10003US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10004US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	No	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10005US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10006US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	MT	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E1000GUS	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	No	01/15	
20E10007US	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E10008US	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	MT	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E10009US	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E1000AUS	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	MT	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E1000BUS	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E1000CUS	i7-5600U	vPro	K620M	8GBx2	15.6" FHD	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E1000DUS	i7-5600U	vPro	K620M	8GBx1	15.5" 3K IPS	MT	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	OID	Yes	01/15
20E10010US	i7-5600U	vPro	K620M	8GBx1	15.6" FHD	No	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	None	Finger	3+3	65W	Win8.1 DG Win7	3-onsite	No	03/15	
20E10019US	i7-5600U	vPro	K620M	8GBx2	15.6" FHD	No	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(72wh)	65W	Win10 DG Win7	3-onsite	OID	Yes	09/15

• For detailed platform specifications, please see [ThinkPad W550s Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ i5 / i7 Processor	Dimensions ³	15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm 15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm																																
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Graphics	Intel HD Graphics 5500 in processor and NVIDIA Quadro® K620M, 2GB memory	Case material	Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model); Bottom: Glass-Fiber Reinforced Plastic																																
Chipset	Intel SoC (System on Chip) platform	Smart card reader	Optional: Smart card reader																																
Memory	32GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																																
Display	Some: 15.6" (396mm) FHD (1920x1080), 300 nits, 400:1 or 500:1 contrast ratio Some: 15.5" (394mm) 3K (2880x1620), 350 nits, 1000:1 contrast ratio, IPS	Ports	Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector																																
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits	Camera	HD720p resolution, low light sensitive, fixed focus																																
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS Some: SSHD with 8GB NAND flash memory	Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack																																
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot	Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight																																
Optical	None	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch																																
Ethernet	Intel Ethernet Connection I218-V (Non-vPro model) or I218-LM (vPro model)	Security	Power-on password, hard disk password, supervisor password, security keyhole																																
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Security chip	Trusted Platform Module, TCG 1.2-compliant																																
WLAN ⁴	11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card 7265 b/g/n+BT: Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 a/b/g/n+BT: Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 ac+BT: Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT, M.2 card	vPro (optional)	Intel vPro Technology																																
WWAN (optional)	Upg: Wireless WAN upgradable N5321: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card EM7345: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card	Fingerprint reader	Optional: Fingerprint reader on the palm rest, swipe sensor																																
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider	Internal battery	Optional: Integrated Li-Polymer 3-cell (44Wh)																																
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		Limited warranty ¹²	1-year depot / 3-year (1-yr battery) depot / 3-year (1-year battery) onsite / 3-year (1-year battery) onsite, OID																																

See footnotes for more detailed information

(SZ1W-3) © Lenovo

ThinkPad W550s 20E1 (Discrete) - Onsite (Windows 10)

Product Specifications Reference (PSREF)

Model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Storage	M.2 SSD	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Camera	Backlit keyboard	Fingerprint reader	Battery cells (int+ext)	Power adapter (watt)	Preload	Base warranty (year)	Glob-al	Ann date (m/y)	
20E10018US	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	MT	512G SSD	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win10 P64	3-onsite	OID	Yes	09/15
20E1001BUS	i7-5600U	vPro	K620M	8GBx2	15.5" 3K IPS	MT	256G SSD Opal2	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+3	65W	Win10 P64	3-onsite		No	09/15
20E1001AUS	i7-5600U	vPro	K620M	8GBx2	15.6" FHD	No	500G 7200	None	7265 ac+BT	Upg	None	None	720p	Backlit	Finger	3+6(48wh)	65W	Win10 P64	3-onsite		No	09/15

• For detailed platform specifications, please see [ThinkPad W550s Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ i5 / i7 Processor						Dimensions ³ 15.6" (WxDxH): 14.98" x 10.17" x 0.88"; 380.6mm x 258.2mm x 22.45mm 15.6" Touch (WxDxH): 14.98" x 10.17" x 0.92"; 380.6mm x 258.2mm x 23.30mm
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	i7-5500U		2.4 GHz	3 GHz	4MB		
i7-5600U	2.6 GHz		3.2 GHz	4MB			
Graphics	Intel HD Graphics 5500 in processor and NVIDIA Quadro® K620M, 2GB memory						Weight ²
Chipset	Intel SoC (System on Chip) platform						Models
Memory	32GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets						No + 6-cell
Display	Some: 15.6" (396mm) FHD (1920x1080), 300 nits, 400:1 or 500:1 contrast ratio Some: 15.5" (394mm) 3K (2880x1620), 350 nits, 1000:1 contrast ratio, IPS						3-cell + 3-cell
Multi-touch (opt)	Capacitive-type multi-touch, supports 10-finger gesture, 315 nits						3-cell + 6-cell
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, APS Some: SSHD with 8GB NAND flash memory						Non-touch
M.2 SSD (opt)	Single-sided M.2 SSD, via M.2 card slot						Multi-touch
Optical	None						-
Ethernet	Intel Ethernet Connection I218-V (Non-vPro model) or I218-LM (vPro model)						5.01 lb / 2.27 kg
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						4.78 lb / 2.17 kg
WLAN ⁴	11b/g/n+BT: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 card 7265 b/g/n+BT: Intel Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 a/b/g/n+BT: Intel Dual Band Wireless-N 7265, 2x2, Wi-Fi + BT, M.2 card 7265 ac+BT: Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT, M.2 card						5.12 lb / 2.32 kg
WWAN (optional)	Upg: Wireless WAN upgradable N5321: Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card EM7345: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card						5.09 lb / 2.31 kg
SIM card (opt)	AT&T® or Verizon® LTE (4G), contract required with service provider						5.43 lb / 2.46 kg
							Case material
							Display cover: Glass-Fiber Reinforced Plastic (non-touch model) or Carbon-Fiber Reinforced Plastic (multi-touch model); Bottom: Glass-Fiber Reinforced Plastic
							Smart card reader
							Optional: Smart card reader
							Media reader
							4-in-1 reader (MMC, SD, SDHC, SDXC)
							Ports
							Three USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector
							Camera
							HD720p resolution, low light sensitive, fixed focus
							Audio support
							HD Audio, Realtek® ALC3232 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
							Keyboard
							6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight
							UltraNav™
							TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch
							Security
							Power-on password, hard disk password, supervisor password, security keyhole
							Security chip
							Trusted Platform Module, TCG 1.2-compliant
							vPro (optional)
							Intel vPro Technology
							Fingerprint reader
							Optional: Fingerprint reader on the palm rest, swipe sensor
							Internal battery
							Optional: Integrated Li-Polymer 3-cell (44Wh)
							External battery
							Li-Ion or Li-Polymer 3-cell (23Wh) or Li-Ion 6-cell (48Wh or 72Wh)
							Max battery life ¹⁰
							Models
							3-cell + 3-cell
							3-cell + 6-cell 48Wh
							3-cell + 6-cell 72Wh
							Battery life
							12.7 hr
							17.3 hr
							21.8 hr
							AC adapter
							65W Slim or 65W AC adapter
							Preload
							Win8.1 / 10 DG Win7: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit or Windows 10 Pro 64
							Win8.1 64: Windows 8.1 64-bit
							Win8.1 P64: Windows 8.1 Pro 64-bit
							Win10 P64: Windows 10 Pro 64
							Limited warranty ¹²
							1-year depot / 3-year (1-yr battery) depot / 3-year (1-year battery) onsite / 3-year (1-year battery) onsite, OID

See footnotes for more detailed information

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