## ThinkPad P51s Platform Specifications

Processor	6th Genera	ation In	ntel® Cor	e™ i7 Proc	essor				Dimensions	WxDxH:	14.40" x	9.95" x 0.79-0.80	)"; 365.8mm x 25	52.8mm x 19	WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm					
	Processor	# of	# of	Base	Max Turbo	y Cache 4MB	Memory Types DDR4-2133	Processor Graphics Intel HD Graphics 520	Weight  Case color Case material	Models		4 + 3-cell	6-cell	4 + 6-ce						
	Number	Cores	Threads	Frequency	Frequency					Non-touch		4.39 lb / 1.99 kg		4.80 lb / 2.1						
	i7-6500U i7-6600U	2	4	2.5 GHz 2.6 GHz	3.1 GHz 3.4 GHz					Multi-touch	model	4.44 lb / 2.01 kg	4.85 lb / 2.20 kg	4.85 lb / 2.2	0 kg					
		oration	Intol Co			4IVID	<u> </u>	320		Black Display cover: Glass-Fiber Reinforced Plastic (PPS);										
	or 7th Generation Intel Core i5 / i7 Processor								- Caso material	Bottom: Glass-Fiber Reinforced Plastic										
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency		Memory Types	Processor Graphics	Media reader Ports	er Optional: Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I Three USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45),										
	i5-7300U i7-7500U i7-7600U	2	4	2.6 GHz 2.7 GHz 2.8 GHz	3.5 GHz	3MB		Intol HD Graphica												
						4MB														
						4MB				Dock conn	ector		0, 11DIVII 1.40, Eti		,					
Graphics				620 in prod					WiGig dock (opt) Monitor cable (optional)	ThinkPad WiGig dock  HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter  USB-C to VGA: Lenovo USB-C to VGA Adapter  I) 720p: HD720p resolution, fixed focus										
	NVIDIA Qu	uadro®	M520, 2	GB 2.5GHz	gDDR5 m	emory	<i>ι</i> ;													
				nonitor via ent displays	HDMI or US	ъв тур	e-C;		Camera (optional											
						C); 38	40x2160@3	30Hz (HDMI)	Camera (optional)	IR & 720p: IR camera and HD720p camera (mutually exclusive with WiGig)										
Chipset				p) platform		, .		, ,	Audio support  Keyboard UltraNav™ Security	HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack										
Memory	32GB max	k / 2400	)MHz DE	DR4, dual-c	hannel cap			O-DIMM sockets												
				<u> </u>	with lower		,			6-row, spill	-resistant, ® pointing	multimedia Fn k	eys, numeric keyp	oad, optiona	I LED backlight					
Display	Some: 15	.6" (396	6mm) FF 16:0 asn	1D (1920x1	080), anti-g 00:1 contras	lare, L	ED backlig	nt, IPS, ng angle		TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad  Power-on password, hard disk password, supervisor password, security keyhole										
								, IPS, 300 nits,	Security chip	Discrete TPM 2.0, TCG Certified Intel vPro Technology										
	16:	:9 aspe	ect ratio,	1000:1 cor	trast ratio,	72% g	amut, 170°	viewing angle	vPro (optional)											
					sture (FHD				NFČ (optional) Internal battery	er Optional: Touch style match on chip fingerprint reader on the palm rest  Near Field Communication										
Storage					30 slot exclusi			ion Cuotom™					II (2014/b)							
					ide, 7mm ni ide, 7mm hi			ion System™ SD)		Optional: Integrated Li-Polymer 4-cell (32Wh) Li-Polymer 3-cell (24Wh) or Li-Ion 6-cell (48Wh or 72Wh)										
	Some: M.	.2 SSD	/ PCIe N	NVMe, PCI	e 3.0 x 2, 16	õGb/s`	3	,		Models		cell 6-cell 48Wh			4 + 6-cell 72Wh					
					Gb/s, in WV		ot as 2nd S	torage,		Max battery			18.5 hr	20.0 hr	26.8 hr					
Optical	None	utually	exclusive	e with vvvv	AN and WiG	ilg			AC adapter	65W AC adapter (slim tip), 65W USB Type-C AC adapter										
Ethernet		model:	Intel Eth	ernet Coni	nection I219	)-\/ ( la	cksonvilla)		Preload	Windows® 7 Professional 64 preinstalled Some: Windows 10 Home 64 through downgrade rights in Windows 10 Pro 64  • Lenovo Companion • Lenovo PowerEngage • ThinkVantage Product Recovery  Windows 10 Home 64  • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate										
Lincinici	vPro mode				nection I219			)												
WLAN	One of the t				lel (WiGig car			<u>,                                      </u>												
	<ul> <li>Realtek®</li> </ul>	RTL88	322BE, V	Vi-Fi 2x2 80	02.11ac + B	T4.1, I	M.2 card	,							ded;					
					Wi-Fi 2x2 8															
					Wi-Fi 2x2 8 NiGia 802 1			м. 2 саго 302.11ac + BT4.1,		ThinkVantage System Update										
	M.2 card	ł			•					<ul> <li>Adobe® Reader®</li> <li>Microsoft® Office preloaded;</li> </ul>										
Bluetooth™					Wi-Fi + Blue					purchase a product key to activate										
NAMAZANI (								1 by Windows OS				™ (30-day trial)								
WWAN (optional)					ei (WWAN ca	an coex	ist with WiGig	ŋ):	Limited warranty	One of the following, configurable by model:										
	Wireless WAN upgradable     Integrated Mobile Broadband 4G LTE-A,									<ul><li>1-year depot repair service</li><li>3-year/1-yr battery depot repair service</li></ul>										
	Qualcom	nm® Sn	apdrago	n™ X7 LTE	E-A (Śierra V	Vireles	ss EM7455)	, M.2 card		3-year/1-yr battery limited onsite service										
	<ul> <li>Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)</li> </ul>								Mil-Spec test	MIL-STD-810G military certification										
SIM card (opt)								MEA) SIM card	Environment			only); ENERGY S	TAR® 6.1: RoHS-	compliant						
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