



**ThinkPad T450s Intel® Core™ i7 i7-5600U 35.6 cm (14")
HD+ 8 GB DDR3L-SDRAM 256 GB SSD Windows 7 Professional**

Lenovo

ThinkPad

20BW000AUS

ThinkPad T450s

ThinkPad T450s. Intel® Core™ i7, i7-5600U, 2.6 GHz. 35.6 cm (14"), HD, 1600 x 900. 8 GB, DDR3L-SDRAM. 256 GB, SSD. Intel® HD Graphics 5500. Windows 7 Professional.



Lenovo		ThinkPad	
ThinkPad T450s		ThinkPad T450s	
Processor	Intel® Core™ i7 i7-5600U	Processor	Intel® Core™ i7 i7-5600U
Processor speed	2.6 GHz	Processor speed	2.6 GHz
Screen size	35.6 cm (14")	Screen size	35.6 cm (14")
Screen resolution	1600 x 900	Screen resolution	1600 x 900
Screen type	HD+	Screen type	HD+
Screen technology	LED	Screen technology	LED
Screen aspect ratio	16:9	Screen aspect ratio	16:9
Screen brightness	250 cd/m²	Screen brightness	250 cd/m²
Screen contrast	400:1	Screen contrast	400:1
Processor family	Intel® Core™ i7	Processor family	Intel® Core™ i7
Processor model	i7-5600U	Processor model	i7-5600U
Processor cache	4 MB	Processor cache	4 MB
Processor architecture	32 nm, 64 nm	Processor architecture	32 nm, 64 nm
Processor series	Intel Core i7-5600 Mobile Series	Processor series	Intel Core i7-5600 Mobile Series
Processor codename	Broadwell	Processor codename	Broadwell
Processor interface	DMI2	Processor interface	DMI2
FSB	×	FSB	×
Processor	F0	Processor	F0
Keyboard	ThinkPad UltraNav	Keyboard	ThinkPad UltraNav
Keyboard type	×	Keyboard type	×
Keyboard layout	✓	Keyboard layout	✓
Keyboard backlight	✓	Keyboard backlight	✓
Screen	6400	Screen	6400
Operating system	Windows 8.1 Pro	Operating system	Windows 8.1 Pro
Operating system	Windows 7 Professional	Operating system	Windows 7 Professional
Intel® Smart Response Technology (SRT)	✓	Intel® Smart Response Technology (SRT)	✓
Intel® Turbo Boost Technology (TBT)	2.0	Intel® Turbo Boost Technology (TBT)	2.0
Intel® Small Business Advantage (SBA)	✓	Intel® Small Business Advantage (SBA)	✓
Intel® SpeedStep	✓	Intel® SpeedStep	✓
Intel® HD Graphics	✓	Intel® HD Graphics	✓
Intel® Clear Video Technology	✓	Intel® Clear Video Technology	✓
Intel® InTru™ 3D	✓	Intel® InTru™ 3D	✓
Intel® Insider™	✓	Intel® Insider™	✓
Intel® Quick Sync Video Technology	✓	Intel® Quick Sync Video Technology	✓
Intel® Flex	✓	Intel® Flex	✓
Intel® vPro	✓	Intel® vPro	✓
Intel® vPro	✓	Intel® vPro	✓
Intel® vPro	✓	Intel® vPro	✓

CPU		Security	
Processor TDP	15 W	Intel® VT-x with Extended Page Tables (EPT)	✓
Cache TDP	7.5 W	Intel® Secure Key	✗
Cache TDP	0.6 GHz	Intel® AES-NI	✓
Cache	105 °C	Intel® TSX-NI	✓
PCI Express Lanes	12	Intel® Secure Key (SIPP)	✓
PCI Express Version	2.0	Intel® OS Guard	✓
PCI Express Config	4x1, 2x4	Intel® MID	✓
Cache ECC	✗	Intel® 64	✓
Memory		Performance	
Cache *	8 GB	Cache	✓
Cache	DDR3L-SDRAM	Cache	✓
Cache	1600 MHz	Cache	✓
Cache	2 x 4 GB	Cache	40 x 24 x 1.3 mm
Cache	1x SO-DIMM	Cache	AVX 2.0, SSE4.1, SSE4.2
Cache (64-bit) *	12 GB	Cache	SR23V
Storage		CPU	
Cache *	256 GB	CPU (nm)	1
Cache *	SSD	Cache	✗
Cache	1	Cache IMC	14 nm
Cache	256 GB	Intel® Identity Protection Technology	✓
Cache	SATA III	Intel® Identity Protection Technology	1.00
Cache *	✗	Intel® Identity Protection Technology	1.00
Cache	✓	Intel® Stable Image Platform Program	1.00
Cache	MMC, SD, SDHC, SDXC	Intel® Secure Key Technology	1.00
Graphics		Security	
Cache *	✓	Intel® Small Business Advantage (SBA)	1.00
Cache	Intel® HD Graphics	Intel® Secure Key Technology	1.00
Cache *	Intel® HD Graphics 5500	Intel® TSX-NI	1.00
Cache	300 MHz	Intel® Virtualization Technology (VT-x)	✓
Cache	950 MHz	Intel® Virtualization Technology (VT-x)	✗
Cache	16 GB	Intel® Virtualization Technology (VT-x)	✓
Cache DirectX	11.2	Intel® Virtualization Technology (VT-x)	✗
Cache	0x1616	Intel® Virtualization Technology (VT-x)	✓
Audio		Security	
Cache	HD	Intel® ARK ID	85215
Cache	2	Cache	✓
Cache	2 W	Power	
Cache	✓	Cache	45 W
Connectivity		DC - in	✓
Connectivity		Security	
Cache	✓	Cache	✗
Connectivity		Cache	✓
Wi-Fi	✓	Cache TPM	✓
Cache	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cache	✓
Cache LAN	✓	Cache	HDD, SSD, HDD, SSD
Cache	✓	Security	
Cache	4.0	Cache	RoHS
Connectivity		Security	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A	3	Cache	EPEAT Gold, RoHS
Cache *	✗	Security	
Cache LAN RJ - 45	1	Cache	331 mm
Mini DisplayPort	1	Cache	226 mm
DVI	✗	Cache	20.6 mm
VGA D-SUB	1	Cache *	1.59 kg
S / PDIF	✗		
Cache/Cache	✓		

CardBus PCMCIA	×		×
SmartCard	×	Intel® VT-d, VT-x	
		Intel® segment tagging	Intel® VT-x, VT-d

Catalog Object Cloud



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