



Lenovo ThinkPad T420s Intel® Core™ i7 i7-2640M 35,6 cm (14") HD+ 4 GB DDR3-SDRAM 160 GB SSD NVIDIA® Quadro® NVS 4200M Windows 7 Professional Black

Brand : Lenovo

Product family: ThinkPad

Product code: 41717FU

Product name : T420s

ThinkPad T420s 41717FU - Intel Core i7-2640M (4M Cache, 2.8 GHz), 14" Anti-glare (HD+, 16:9, 1600 x 900) TFT, 4GB DDR3, 160GB SATA SSD, NVIDIA NVS 4200M, DVD-Writer, Gigabit Ethernet, WLAN 802.11 a/b/g/n, WebCam, Windows 7 Professional 64-Bit

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NVIDIA® Quadro® NVS 4200M Windows 7 Professional Black:



SHARE THE GLORY, SHED THE BURDEN.

Advanced videoconferencing and file transfer features. Longer battery life. Uncompromising performance at breakneck speeds. Rugged enough to pass eight military specification tests, but light enough to go with you anywhere. The T420s is your trusted business partner.

DO LIST

- Boot in as little as 10 seconds with Lenovo RapidBoot Extreme
- Intel® Integrated HD Graphics offers twice the performance
- Dolby® Home Theater® with virtual surround sound technology
- 720p, low light-sensitive HD webcam
- Dual digital microphones
- USB 3.0 transfers data up to 10 times faster

Design		Keyboard	
Product colour *	Black	Windows keys	✓
Form factor *	Clamshell	Keyboard layout	QWERTY
Display		Software	
Display diagonal *	35,6 cm (14")	Operating system architecture	64-bit
Display resolution *	1600 x 900 pixels	Operating system installed *	Windows 7 Professional
HD type	HD+	Processor special features	
LED backlight	✓		
Native aspect ratio	16:9	Intel® Wireless Display (Intel® WiDi)	✓
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor family *	Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor generation	2nd gen Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	i7-2640M	Intel® Turbo Boost Technology	2.0
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3,5 GHz	Intel Clear Video Technology	✗
Processor frequency *	2,8 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	4 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor lithography	32 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Core i7-2600 Mobile Series	Intel Trusted Execution Technology	✓
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	J1		
Thermal Design Power (TDP)	35 W		
Tjunction	100 C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16, 2x8	Intel Demand Based Switching	✗
CPU multiplier (bus/core ratio)	28	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1066 MHz	Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
Memory slots	2x SO-DIMM	Supported instruction sets	AVX
Maximum internal memory *	8 GB	Processor code	SR03R
Storage		CPU configuration (max)	1
Total storage capacity *	160 GB	Embedded options available	✗
Storage media *	SSD	Graphics & IMC lithography	32 nm
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	160 GB	Intel Identity Protection Technology version	1,00
SSD interface	SATA II	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD±RW	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC, SDHC, SDXC	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✓
Discrete graphics card model *	NVIDIA® Quadro® NVS 4200M	Processor ARK ID	53464
On-board graphics card *	✓	Conflict-Free processor	✗
Discrete graphics card *	✓	Integrated 4G WiMAX	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 3000	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	650 MHz	Number of battery cells	6
On-board graphics card dynamic frequency (max)	1300 MHz	Battery life (max)	5,5 h
On-board graphics card ID	0x116	Power	
Number of discrete graphics cards	1	AC adapter power	90 W
Maximum graphics card memory	1,024 GB	AC adapter frequency	50 - 60 Hz
Audio		DC-in jack	✓
Audio system	HDA	Security	
Built-in speaker(s)	✓	Cable lock slot	✓
Built-in microphone	✓	Fingerprint reader	✓
Network		Trusted Platform Module (TPM)	✓
Wi-Fi	✓	Password protection type	HDD, Power on, Supervisor
Wi-Fi standards	802.11a, 802.11b, 802.11g	Certificates	
Ethernet LAN	✓	Compliance certificates	RoHS
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Bluetooth	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Bluetooth version	3.0+HS	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width	342,9 mm
Ports & interfaces		Depth	231,1 mm
USB 2.0 ports quantity *	2	Height	25,4 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight *	1,68 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
DisplayPorts quantity	1	AC adapter included *	✓
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		

Ports & interfaces		Other features	
Line-in	✓	LightScribe	✗
Docking connector	✗	Infrared data port	✗
ExpressCard slot	✓	Graphics card family	Intel, NVIDIA
CardBus PCMCIA slot type	✗	Display	TFT
SmartCard slot	✗	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
TV-out	✗	Indication light	✓
Performance		HD-Ready	✓
Motherboard chipset	Intel® QM67 Express		Intel segment tagging
Home office, Small Business			
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		

Catalog Object Cloud



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