



Lenovo ThinkPad T420 Intel® Core™ i5 i5-2540M 35,6 cm (14") HD+ 4 GB DDR3-SDRAM 320 GB HDD Windows 7 Professional Zwart

Merk : Lenovo

Productfamilie: ThinkPad

Artikelcode: NW4NHMH

Productnaam : T420

Lenovo ThinkPad T420. Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i5, Processormodel: i5-2540M, Frequentie van processor: 2,6 GHz. Beeldschermdiagonaal: 35,6 cm (14"), HD type: HD+, Resolutie: 1600 x 900 Pixels. Intern geheugen: 4 GB, Intern geheugentype: DDR3-SDRAM. Totale opslagcapaciteit: 320 GB, Opslagmedia: HDD, Soort optische drive: DVD-RW. On-board graphics adapter model: Intel® HD Graphics 3000. Inclusief besturingssysteem: Windows 7 Professional. Kleur van het product: Zwart



Design		Poorten & interfaces	
Kleur van het product *	Zwart	ExpressCard slot	✓
Vormfactor *	Clamshell	Type CardBus PCMCIA-slot	✗
Beeldscherm		SmartCard-slot	✗
Beeldschermdiagonaal *	35,6 cm (14")	Prestatie	
Resolutie *	1600 x 900 Pixels	Chipset moederbord	Intel® QM67 Express
Touchscreen *	✗	Toetsenbord	
HD type	HD+	Aanwijsapparaat	ThinkPad UltraNav
LED backlight	✓	Numeriek toetsenblok *	✗
Oorspronkelijke beeldverhouding	16:9	Windows-toetsen	✓
Helderheid	230 cd/m²	Software	
Processor		Architectuur besturingssysteem	64-bit
Processorfabrikant *	Intel	Inclusief besturingssysteem *	Windows 7 Professional
Processorfamilie *	Intel® Core™ i5	Processor speciale functies	
Processorgeneratie	Tweede generatie Intel® Core™ i5	Intel Wireless Display Technology	✓
Processormodel *	i5-2540M	Intel My WiFi Technology	✓
Aantal processorkernen	2	Intel Anti-Theft Technology	✓
Processor aantal threads	4	Intel Identity Protection Technology	✓
Maximale turbofrequentie van processor	3,3 GHz	Intel Hyper-Threading Technology	✓
Frequentie van processor *	2,6 GHz	Intel® Turbo Boost Technology	2.0
Systeembus	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel Clear Video HD Technology	✓
Type processorgeheugen	Smart Cache	Intel® Clear Video-technologie	✗
Processor socket	BGA 1023	Intel® InTru™ 3D Technology	✓
Processor lithografie	32 nm	Intel® Insider™	✗
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processorserie	Intel Core i5-2500 Mobile Series	Intel Flex Memory Access	✓
Codenaam processor	Sandy Bridge	Intel AES New Instructions	✓
Bus type	DMI	Intel Trusted Execution Technology	✓
FSB Parity	✗	Intel Enhanced Halt State	✓
Stepping	J1	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	35 W	Intel Demand Based Switching	✗
Tjunction	100 C	Intel Clear Video Technology for MID	✗
Maximaal aantal PCI Express-lijnen	16		
PCI Express slots versie	2.0		
PCI Express configuraties	1x16, 2x8, 1x8+2x4		
Aantal ondersteunde processoren	1		
CPU multiplier (bus/core ratio)	26		

Processor		Processor speciale functies	
ECC ondersteund door processor	✗	Intel® 64	✓
Geheugen		Execute Disable Bit	✓
Intern geheugen *	4 GB	Idle States	✓
Intern geheugentype	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Kloksnelheid geheugen	1333 MHz	Verpakkingsgrootte processor	37,5 x 37,5 (rPGA988B); 31 x 24 (BGA1023)
Geheugenslots	2x SO-DIMM	Ondersteunde instructie sets	AVX
Maximum intern geheugen *	8 GB	Processorcode	SR046
Opslagmedia		CPU configuratie (max)	1
Totale opslagcapaciteit *	320 GB	Ingebouwde opties beschikbaar	✗
Opslagmedia *	HDD	Graphics & IMC lithografie	32 nm
Het aantal geïnstalleerde harde schijven	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Opslagcapaciteit harde schijf	320 GB	Versie Intel® Identity Protection Technology	1,00
Harde schijf-interface	SATA	Intel® Virtualization Technology (VT-x)	✓
Rotatiesnelheid harde schijf	7200 RPM	Intel Dual Display Capable Technology	✓
Soort optische drive *	DVD-RW	Intel FDI Technology	✓
Geïntegreerde geheugenkaartlezer	✓	Intel Rapid Storage Technology	✗
Compatibele geheugenkaarten	MMC, SD, SDHC, SDXC	Intel Fast Memory Access	✓
Grafisch		ARK ID processor	50072
Ingebouwde grafische adapter *	✓	Conflictvrije processor	✗
Familie ingebouwde grafische adapter	Intel® HD Graphics	Geïntegreerde 4G WiMAX	✓
On-board graphics adapter model *	Intel® HD Graphics 3000	Accu/Batterij	
Basisfrequentie ingebouwde grafische adapter	650 MHz	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
Graphics on-board -adapter dynamische frequentie (max)	1300 MHz	Aantal cellen in de batterij	6
On-board grafische adapter ID	0x116	Energie	
Audio		Aansluiting voor netstroomadapter	✓
Ingebouwde luidsprekers	✓	Beveiliging	
Aantal ingebouwde luidsprekers	2	Bevestigingsmogelijkheid voor kabelslot	✗
Vermogen luidsprekers	1 W	Certificaten	
Ingebouwde microfoon	✓	Certificaten van naleving	RoHS
Netwerk		Duurzaamheid	
Wi-Fi	✓	Duurzaamheidscertificaten	EPEAT Gold, ENERGY STAR
Netwerkfuncties	Gigabit Ethernet	Gewicht en omvang	
Wi-Fi-standaarden	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Breedte	340 mm
Ethernet LAN	✓	Diepte	229,8 mm
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	Hoogte (voorzijde)	2,99 cm
Bluetooth	✗	Hoogte (achterzijde)	3,04 cm
Poorten & interfaces		Gewicht *	2,24 kg
Aantal USB 2.0-poorten *	3	Inhoud van de verpakking	
eSATA/USB 2.0 ports quantity	1	Inclusief AC-adapter *	✓
Aantal Ethernet LAN (RJ-45)-poorten	1	Gebruikershandleiding	✓
Aantal DisplayPorts	1	Snelstartgids	✓
DVI-poort	✗	Overige specificaties	
VGA (D-Sub)poort(en)	1	Infrarood datapoort	✗
Hoofdtelefoonuitgangen	1	Grafische adapter-familie	Intel
S/PDIF-uitgang	✗	Voldoet aan industriestandaarden	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Microfoon, line-in ingang	✓	Intel® segment tagging	Thuiskantoor, Small Business

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