



## Lenovo ThinkPad X201 Intel® Core™ i5 i5-540M Laptop 12.1" 2 GB DDR3-SDRAM 250 GB HDD Windows 7 Professional Black

**Brand :** Lenovo

**Product family:** ThinkPad

**Article code:** NUUGSU1

**Product name :** X201



Intel Core i5-540M(2.53GHz), 2GB RAM, 250GB HDD, Windows 7 Professional

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Incredibly mobile, fast, easy to use and secure. Break free of productivity constraints with the new ThinkPad X201.

Lenovo ThinkPad X201. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-540M, Processor frequency: 2.53 GHz. Display diagonal: 12.1", Display resolution: 1280 x 800 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 250 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 7 Professional. Product color: Black. Weight: 3.24 lbs (1.47 kg)

Design		Keyboard	
Product type *	Laptop	Pointing device	ThinkPad UltraNav
Product color *	Black	Numeric keypad *	✗
Form factor *	Clamshell	Keyboard backlit	✗
Display		Spill-resistant keyboard	✓
Display diagonal *	12.1"	Windows keys	✓
Display resolution *	1280 x 800 pixels	Software	
Touchscreen *	✗	Drivers included	✓
HD type	Not supported	Operating system installed *	Windows 7 Professional
LED backlight	✓	Processor special features	
Native aspect ratio	16:10	Intel® Wireless Display (Intel® WiDi)	✗
Display brightness	250 cd/m²	Intel® My WiFi Technology (Intel® MWT)	✗
Dual-screen	✗	Intel® Anti-Theft Technology (Intel® AT)	✗
Contrast ratio (typical)	300:1	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	1.0
Processor manufacturer *	Intel	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor family *	Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor generation	Intel® Core™ i5	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i5-540M	Intel Clear Video Technology	✓
Processor cores	2	Intel® InTru™ 3D Technology	✗
Processor threads	4	Intel® Insider™	✗
Processor boost frequency	3.07 GHz	Intel® Quick Sync Video Technology	✗
Processor frequency *	2.53 GHz	Intel Flex Memory Access	✓
System bus rate	2.5 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	3 MB	Intel Trusted Execution Technology	✓
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Processor socket	BGA 956	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	32 nm	Intel Demand Based Switching	✗
Processor operating modes	64-bit		
Processor series	Intel Core i5-500 Mobile Series		
Processor codename	Arrandale		
Bus type	DMI		
FSB Parity	✗		
Stepping	C2		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	2.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express configurations	1x16	Intel 64	✓
Number of Processing Die Transistors	382 M	Execute Disable Bit	✓
Processing Die size	81 mm²	Idle States	✓
CPU multiplier (bus/core ratio)	19	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	rPGA 37.5x 37.5, BGA 34x28
Memory		Supported instruction sets	SSE4.1/4.2
Internal memory *	2 GB	Physical Address Extension (PAE)	36 bit
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1066 MHz	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	45 nm
Maximum internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Virtualization Technology (VT-x)	✓
Total storage capacity *	250 GB	Intel Dual Display Capable Technology	✓
Storage media *	HDD	Intel FDI Technology	✓
Number of HDDs installed	1	Intel Rapid Storage Technology	✗
HDD capacity	250 GB	Intel Fast Memory Access	✓
HDD interface	SATA	Processor ARK ID	43544
HDD speed	7200 RPM	Conflict-Free processor	✗
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, RS-MMC, SD	Number of battery cells	6
Graphics		Battery life (max)	6.6 h
Discrete graphics card model *	Not available	Power	
On-board graphics card *	✓	AC adapter power	65 W
Discrete graphics card *	✗	AC adapter frequency	50 - 60 Hz
On-board graphics card family	Intel® HD Graphics	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel® HD Graphics	DC-in jack	✓
On-board graphics card base frequency	500 MHz	Security	
On-board graphics card dynamic frequency (max)	766 MHz	Cable lock slot	✓
Audio		Cable lock slot type	IBM
Audio system	High Definition Audio	Fingerprint reader	✓
Number of built-in speakers	2	Trusted Platform Module (TPM)	✓
Speaker power	2 W	Operational conditions	
Built-in subwoofer	✗	Operating temperature (T-T)	5 - 35 °C
Network		Storage temperature (T-T)	5 - 43 °C
Wi-Fi	✓	Operating relative humidity (H-H)	5 - 85%
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Storage relative humidity (H-H)	5 - 95%
Ethernet LAN	✓	Operating altitude	0 - 95984.3" (0 - 2438 m)
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Bluetooth	✓	Compliance certificates	RoHS
Bluetooth version	2.1+EDR	Sustainability	
Cabling technology	10/100/1000Base-T(X)	Sustainability certificates	EPEAT Gold, ENERGY STAR
4G WiMAX	✗	Weight & dimensions	
4G LTE	✗	Width	11.6" (295 mm)
Ports & interfaces		Depth	8.27" (210 mm)
USB 2.0 ports quantity *	3	Height	0.815" (20.7 mm)
Ethernet LAN (RJ-45) ports	1	Height (front)	0.815" (2.07 cm)
DVI port	✗	Height (rear)	1.13" (2.87 cm)
Mini DisplayPort/Thunderbolt combo port	✗	Weight *	3.24 lbs (1.47 kg)
VGA (D-Sub) ports quantity	1		
LAN/VGA combo port	✗		

Ports & interfaces		Packaging content	
Headphone outputs	1	AC adapter included *	✓
S/PDIF out port	✗	Handheld remote control	✗
Microphone in	✓	Manual	✓
ExpressCard slot	✓	Quick start guide	✓
CardBus PCMCIA slot type	✗	Other features	
Modem (RJ-11) ports	1	LightScribe	✗
Headphone connectivity	3.5 mm	TV tuner integrated	✗
Microphone connectivity	3.5 mm	64-bit computing	✓
Performance			
Motherboard chipset	Intel® QM57 Express		
Orientation sensor	✗		
Accelerometer	✗		
Proximity sensor	✗		

## Catalog Object Cloud



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