



Lenovo ThinkPad X240 Intel® Core™ i5 i5-4200U Computadora portátil 31.8 cm (12.5") 4 GB DDR3-SDRAM 500 GB Unidad de disco duro Windows 7 Professional Negro

Marca : Lenovo

Familia de productos:
ThinkPad

Código del producto:
20AMA296LM

Nombre del producto : X240

Intel Core i5-4200U (1.6 GHz), 4GB DDR3 RAM, 500GB HDD, 12.5" LED HD (1366x768), Intel HD Graphics 4400, Gigabit Ethernet, Wi-Fi 802.11 b/g/n, Bluetooth 4.0, HD Webcam, Windows 7 Professional 64-bit/Windows 8

Lenovo ThinkPad X240. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-4200U, Frecuencia del procesador: 1.6 GHz. Diagonal de la pantalla: 31.8 cm (12.5"), Resolución de la pantalla: 1366 x 768 Píxeles. Memoria interna: 4 GB, Tipo de memoria interna: DDR3-SDRAM. Capacidad total de almacenaje: 500 GB, Unidad de almacenamiento: Unidad de disco duro. Modelo de gráficos en tarjeta: Intel® HD Graphics 4400. Sistema operativo instalado: Windows 7 Professional. Color del producto: Negro. Peso: 1.42 kg



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Recovery operating system	Windows 8
Form factor *	Clamshell	Operating system installed *	Windows 7 Professional
Market positioning	Business	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	31.8 cm (12.5")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✓
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✓
Panel type	IPS	Intel® Rapid Start Technology	✗
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Display surface	Matt	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor family *	Intel® Core™ i5	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor generation	4th gen Intel® Core™ i5	Intel® Active Management Technology (Intel® AMT)	✗
Processor model *	i5-4200U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✗
Processor boost frequency	2.6 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	1.6 GHz	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✗
Processor socket	BGA 1168	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-4200 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	12	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x4, 2x4	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Memory clock speed	1600 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	40 x 24 x 1.5 mm
Maximum internal memory *	8 GB	Supported instruction sets	AVX 2.0
Storage		Processor code	SR170
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD capacity	500 GB	Intel Smart Connect Technology version	1.00
HDD interface	SATA	Intel Identity Protection Technology version	1.00
HDD speed	7200 RPM	Intel Secure Key Technology version	1.00
HDD size	2.5"	Intel ME Firmware Version	9.5
Optical drive type *	✗	Intel TSX-NI version	0.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✗
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	✓
On-board graphics card *	✓	Intel Fast Memory Access	✗
Discrete graphics card *	✗	Processor ARK ID	75459
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4400	Battery	
On-board graphics card base frequency	200 MHz	Battery technology	Lithium Polymer (LiPo)
On-board graphics card dynamic frequency (max)	1000 MHz	Number of battery cells	3+3
Maximum on-board graphics card memory	1.74 GB	Battery capacity *	47 Wh
On-board graphics card DirectX version	12	Battery life (max)	8.7 h
On-board graphics card ID	0xA16	Power	
Audio		AC adapter power	45 W
Audio system	HD	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		DC-in jack	✓
Front camera	✓	Security	
Front camera resolution	1280 x 720 pixels	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓	Fingerprint reader	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Trusted Platform Module (TPM)	✓
Ethernet LAN	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Compliance certificates	RoHS
Bluetooth	✓	Sustainability	
Bluetooth version	4.0	Sustainability certificates	EPEAT Gold, ENERGY STAR
Near Field Communication (NFC)	✓		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width	305.5 mm
Mini DisplayPorts quantity	1	Depth	208.5 mm
DVI port	✗	Height	19.9 mm
VGA (D-Sub) ports quantity	1	Weight *	1.42 kg
S/PDIF out port	✗	Packaging content	
Microphone in	✗	AC adapter included *	✓
Combo headphone/mic port	✓	Manual	✓
Docking connector	✓	Power cord included	✓
ExpressCard slot	✗	Other features	
CardBus PCMCIA slot type	✗	LightScribe	✗
SmartCard slot	✗	Maximum internal memory (64-bit)	8 GB
Total number of SATA connectors	4		
Number of SATA III connectors	4		
Performance			
Motherboard chipset	Intel® QM87		
Keyboard			
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Spill-resistant keyboard	✓		
Full-size keyboard	✓		
Windows keys	✓		

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