



Lenovo ThinkPad X240s Intel® Core™ i7 i7-4500U Laptop 31,8 cm (12.5") 8 GB DDR3-SDRAM 1 TB HDD Windows 8 Black

Brand : Lenovo

Product family: ThinkPad

Product code: 20AJ0001TW

Product name : X240s



12.5" HD LED 1366 x 768, Intel Core i7-4500U (4M Cache, 1.8 GHz), 8GB DDR3, Intel HD Graphics 4400, 1TB HDD, 720p HD WebCam, Ethernet, WLAN 802.11 a/b/g/n, Bluetooth 4.0, Windows 8 64-bit
Lenovo ThinkPad X240s. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4500U, Processor frequency: 1.8 GHz. Display diagonal: 31,8 cm (12.5"), Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8. Product colour: Black. Weight: 1,34 kg

Design		Ports & interfaces	
Product type *	Laptop	Number of SATA III connectors	4
Product colour *	Black	USB Sleep-and-Charge	✓
Form factor *	Clamshell	USB Sleep-and-Charge ports	1
Market positioning	Business	Keyboard	
Display		Numeric keypad *	✗
Display diagonal *	31,8 cm (12.5")	Spill-resistant keyboard	✓
Display resolution *	1366 x 768 pixels	Full-size keyboard	✓
Touchscreen *	✗	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 8
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i7-4500U	Intel Smart Connect Technology	✓
Processor cores	2	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor threads	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	1,8 GHz	Intel® Turbo Boost Technology	2.0
L3 cache	4 MB	Intel® Matrix Storage Technology (Intel® MST)	✓
Processor cache	4 MB	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	BGA 1168	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	22 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i7-4500 Mobile series	Intel® Insider™	✓
Processor codename	Haswell	Intel® Quick Sync Video Technology	✓
Bus type	DMI2	Intel Flex Memory Access	✗
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		
PCI Express configurations	2x4		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	1600 MHz	Intel Enhanced Halt State	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	1 x 8 GB	Intel Demand Based Switching	✗
Memory slots	1x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	8 GB	Intel TSX-NI	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
HDD interface	SATA	Processor package size	40 x 24 x 1.5 mm
HDD speed	5400 RPM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Optical drive type *	✗	Processor code	SR16Z
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, RS-MMC, SD, SDIO	Embedded options available	✗
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card model *	Not available	Intel Smart Connect Technology version	1,00
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card *	✗	Intel Secure Key Technology version	1,00
On-board graphics card family	Intel® HD Graphics	Intel ME Firmware Version	9.5
On-board graphics card model *	Intel® HD Graphics 4400	Intel TSX-NI version	0,00
On-board graphics card base frequency	200 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Dual Display Capable Technology	✗
Maximum on-board graphics card memory	1,74 GB	Intel FDI Technology	✓
On-board graphics card DirectX version	12	Intel Rapid Storage Technology	✓
On-board graphics card ID	0xA16	Intel Fast Memory Access	✗
Audio		Processor ARK ID	75460
Audio system	Dolby Home Theater	Conflict-Free processor	✓
Number of built-in speakers	2	Battery	
Built-in microphone	✓	Battery technology	Lithium-Ion (Li-Ion)
Camera		Battery life (max)	11,8 h
Front camera	✓	Power	
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Wi-Fi standards	802.11a, 802.11b, 802.11g	Cable lock slot	✓
Ethernet LAN	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Fingerprint reader	✓
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	305,5 mm
Ports & interfaces		Depth	208,5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	17,7 mm
Ethernet LAN (RJ-45) ports	1	Weight *	1,34 kg
Mini DisplayPorts quantity	1	Other features	
DVI port	✗	LightScribe	✗
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✓		
ExpressCard slot	✗		

Ports & interfaces

CardBus PCMCIA slot type	×
SmartCard slot	×
Total number of SATA connectors	4

Catalog Object Cloud



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