



Lenovo ThinkPad X230 Tablet Intel® Core™ i5 i5-3320M Hybrid (2-in-1) 31.8 cm (12.5") Touchscreen 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Black

Brand : Lenovo

Product family: ThinkPad

Product code: 343522U

Product name : X230 Tablet



X230 Tablet - Intel Core i5-3320M Processor (3M Cache, up to 3.30 GHz), 12.5" 1366 x 768 Multitouch, 4GB DDR3 1600MHz max.16GB, 500GB HDD 7200rpm, Gigabit Ethernet, WLAN 802.11 a/g/n, WWAN Ready, Bluetooth 4.0, HD WebCam, Fingerprint, Windows 7 Professional 64-bit
Lenovo ThinkPad X230 Tablet. Product type: Hybrid (2-in-1), Form factor: Convertible (Swivel). Processor family: Intel® Core™ i5, Processor model: i5-3320M, Processor frequency: 2.6 GHz. Display diagonal: 31.8 cm (12.5"), Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Software	
Product type *	Hybrid (2-in-1)	Operating system architecture	64-bit
Product colour *	Black	Drivers included	✓
Form factor *	Convertible (Swivel)	Operating system installed *	Windows 7 Professional
Display		Processor special features	
Display diagonal *	31.8 cm (12.5")	Intel® Wireless Display (Intel® WiDi)	✓
Display resolution *	1366 x 768 pixels	Intel® My WiFi Technology (Intel® MWT)	✓
Touchscreen *	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
Touch technology	Multi-touch	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i5	Intel Clear Video Technology	✗
Processor generation	3rd gen Intel® Core™ i5	Intel® InTru™ 3D Technology	✓
Processor model *	i5-3320M	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel Flex Memory Access	✓
Processor boost frequency	3.3 GHz	Intel® Smart Cache	✓
Processor frequency *	2.6 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
System bus rate	5 GT/s	Intel Trusted Execution Technology	✓
Processor cache	3 MB	Intel Enhanced Halt State	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Processor socket	BGA 1023	Intel Demand Based Switching	✗
Processor lithography	22 nm	Intel® Secure Key	✓
Processor operating modes	64-bit		
Processor series	Intel Core i5-3300 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	L1		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
PCI Express slots version	3.0	Intel 64	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Execute Disable Bit	✓
Number of processors supported	1	Idle States	✓
CPU multiplier (bus/core ratio)	26	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1023)
Memory		Supported instruction sets	AVX
Internal memory *	4 GB	Processor code	SR0MY
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1600 MHz	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	22 nm
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	500 GB	Intel Secure Key Technology version	1.00
Storage media *	HDD	Intel Virtualization Technology (VT-x)	✓
Number of HDDs installed	1	Intel Dual Display Capable Technology	✓
HDD capacity	500 GB	Intel FDI Technology	✓
HDD speed	7200 RPM	Intel Rapid Storage Technology	✗
Optical drive type *	✗	Intel Fast Memory Access	✓
Card reader integrated	✓	Processor ARK ID	64896
Compatible memory cards	MMC, SD, SDHC, SDXC	Conflict-Free processor	✓
Graphics		Integrated 4G WiMAX	✓
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	✓	Number of battery cells	6
Discrete graphics card *	✗	Battery life (max)	9.9 h
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 4000	DC-in jack	✓
On-board graphics card base frequency	650 MHz	Security	
On-board graphics card dynamic frequency (max)	1200 MHz	Cable lock slot	✗
On-board graphics card ID	0x166	Fingerprint reader	✓
Audio		Certificates	
Built-in speaker(s)	✓	Certification	ULE Gold
Number of built-in speakers	2	Sustainability	
Built-in microphone	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Network		Weight & dimensions	
Wi-Fi	✓	Width	305 mm
Networking features	Gigabit Ethernet, WLAN	Depth	228.7 mm
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Height (front)	2.7 cm
Ethernet LAN	✓	Height (rear)	3.13 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Width (imperial)	30.5 cm (12")
Bluetooth	✓	Depth (imperial)	22.9 cm (9")
Bluetooth version	4.0	Height (front) (imperial)	2.69 cm (1.06")
Cabling technology	10/100/1000Base-T(X)	Height (rear) (imperial)	3.12 cm (1.23")
Ports & interfaces		Weight *	1.66 kg
USB 2.0 ports quantity *	1	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Manual	✓
DisplayPorts quantity	1	Other features	
DVI port	✗	LightScribe	✗
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		

Ports & interfaces		Other features	
ExpressCard slot	✗	Infrared data port	✗
CardBus PCMCIA slot type	✗	Graphics card family	Intel
SmartCard slot	✗	Power supply type	AC/DC
Keyboard		Ethernet interface type	Gigabit Ethernet
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Windows keys	✓		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-MAY-2025. Prints or copies of Information are only valid on the printed Publication date