



Lenovo ThinkPad Edge E330 Intel® Core™ i5 i5-3230M Laptop 33,8 cm (13.3") 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 7 Professional English Black

Brand : Lenovo

Product family: ThinkPad

Product code: NZSDSMH

Product name : Edge E330

Intel Core i5-3230M(2.60GHz), 4GB RAM, 500GB HDD, Windows 7 Professional 64-bit + Windows 8 Pro 64-bit

Lenovo ThinkPad Edge E330. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3230M, Processor frequency: 2,6 GHz. Display diagonal: 33,8 cm (13.3"), Display resolution: 1366 x 768 pixels. 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. Weight: 1,8 kg



Design		Software	
Product type *	Laptop	Recovery operating system	Windows 8 Pro
Product colour *	Black	Drivers included	✓
Form factor *	Clamshell	Operating system installed *	Windows 7 Professional
Display		Processor special features	
Display diagonal *	33,8 cm (13.3")	Intel® Wireless Display (Intel® WiDi)	✓
Display resolution *	1366 x 768 pixels	Intel® My WiFi Technology (Intel® MWT)	✓
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Dual-screen	✗	Intel® Turbo Boost Technology	2.0
Processor		Intel® Small Business Advantage (Intel® SBA)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i5	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	3rd gen Intel® Core™ i5	Intel Clear Video Technology	✗
Processor model *	i5-3230M	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor boost frequency	3,2 GHz	Intel Flex Memory Access	✓
Processor frequency *	2,6 GHz	Intel® Smart Cache	✓
System bus rate	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 1023	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	22 nm	Intel Demand Based Switching	✗
Processor operating modes	64-bit		
Processor series	Intel Core i5-3200 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® Secure Key	✓
PCI Express slots version	3.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel 64	✓
CPU multiplier (bus/core ratio)	26	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	31 x 24 (BGA1023)
Internal memory type	DDR3-SDRAM	Supported instruction sets	AVX
Memory clock speed	1600 MHz	Processor code	SR0WX
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 4 GB	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 hard drives installed	1	Intel Dual Display Capable Technology	✓
Hard drive capacity	500 GB	Intel FDI Technology	✓
Hard drive interface	SATA	Intel Rapid Storage Technology	✗
Hard drive speed	7200 RPM	Intel Fast Memory Access	✓
Optical drive type *	✗	Processor ARK ID	72056
Card reader integrated	✓	Conflict-Free processor	✓
Graphics		Integrated 4G WiMAX	✓
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card *	✗	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Battery life (max)	7,5 h
On-board graphics card model *	Intel® HD Graphics 4000	Power	
On-board graphics card base frequency	650 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	1100 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x166	DC-in jack	✓
Audio		Security	
Audio system	High Definition Audio	Cable lock slot	✓
Built-in microphone	✓	Password protection type	HDD, Power on, Supervisor
Network		Operational conditions	
Wi-Fi	✓	Operating temperature (T-T)	5 - 35 °C
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Storage temperature (T-T)	5 - 43 °C
Wi-Fi standards	802.11a, 802.11b, 802.11g	Operating relative humidity (H-H)	8 - 80%
Ethernet LAN	✓	Storage relative humidity (H-H)	5 - 95%
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating altitude	0 - 2438 m
Bluetooth	✓	Certificates	
Cabling technology	10/100/1000Base-T(X)	Compliance certificates	RoHS
Networking standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3u	Sustainability	
Ports & interfaces		Sustainability certificates	EPEAT Gold, ENERGY STAR
USB 2.0 ports quantity *	1	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	322 mm
Ethernet LAN (RJ-45) ports	1	Depth	228 mm
HDMI ports quantity *	1	Height (front)	2 cm
DVI port	✗	Height (rear)	2,78 cm
VGA (D-Sub) ports quantity	1	Weight *	1,8 kg
S/PDIF out port	✗		

Ports & interfaces		Packaging content	
Microphone in	✗	AC adapter included *	✓
Combo headphone/mic port	✓	Manual	✓
ExpressCard slot	✗	Quick start guide	✓
CardBus PCMCIA slot type	✗	Other features	
SmartCard slot	✗	LightScribe	✗
Headphone connectivity	3.5 mm	Maximum internal memory (64-bit)	16 GB
Microphone connectivity	3.5 mm	Quantity	1
Performance		TV tuner integrated	✗
Motherboard chipset	Intel HM77 Express	64-bit computing	✓
Keyboard		Intel segment tagging	Home office, Small Business
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Windows keys	✓		
Keyboard layout	QWERTZ		
Keyboard language	English		
Software			
Operating system architecture	64-bit		

Catalog Object Cloud



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.