



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 color: Black. Weight: 1.8 kg



Design		Software	
Product type *	Laptop	Drivers included	✓
Product color *	Black	Operating system installed *	Windows 7 Professional
Form factor *	Clamshell	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	33.8 cm (13.3")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	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
Dual-screen	✗	Intel® Small Business Advantage (Intel® SBA)	✓
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 *	i5-3230M	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel Flex Memory Access	✓
Processor boost frequency	3.2 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 i5-3200 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® 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	✓
CPU multiplier (bus/core ratio)	26	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	31 x 24 (BGA1023)
Internal memory *	4 GB	Supported instruction sets	AVX
Internal memory type	DDR3-SDRAM	Processor code	SR0WX
Memory clock speed	1600 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✗
Memory layout (slots x size)	1 x 4 GB	Graphics & IMC lithography	22 nm
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Maximum internal memory *	16 GB	Intel Identity Protection Technology version	1.00
Storage		Intel Secure Key Technology version	1.00
Total storage capacity *	500 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	HDD	Intel Dual Display Capable Technology	✓
Number of HDDs installed	1	Intel FDI Technology	✓
HDD capacity	500 GB	Intel Rapid Storage Technology	✗
HDD interface	SATA	Intel Fast Memory Access	✓
HDD speed	7200 RPM	Processor ARK ID	72056
Optical drive type *	✗	Conflict-Free processor	✓
Card reader integrated	✓	Integrated 4G WiMAX	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	6
Discrete graphics card *	✗	Battery life (max)	7.5 h
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter frequency	50 - 60 Hz
On-board graphics card base frequency	650 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1100 MHz	DC-in jack	✓
On-board graphics card ID	0x166	Security	
Audio		Cable lock slot	✓
Audio system	High Definition Audio	Password protection type	HDD, Power on, Supervisor
Built-in microphone	✓	Operational conditions	
Network		Operating temperature (T-T)	5 - 35 °C
Wi-Fi	✓	Storage temperature (T-T)	5 - 43 °C
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Operating relative humidity (H-H)	8 - 80%
Wi-Fi standards	802.11a, 802.11b, 802.11g	Storage relative humidity (H-H)	5 - 95%
Ethernet LAN	✓	Operating altitude	0 - 2438 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Bluetooth	✓	Compliance certificates	RoHS
Cabling technology	10/100/1000Base-T(X)	Sustainability	
Networking standards	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3u	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	322 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	228 mm
Ethernet LAN (RJ-45) ports	1	Height (front)	2 cm
HDMI ports quantity *	1	Height (rear)	2.78 cm
DVI port	✗	Weight *	1.8 kg
VGA (D-Sub) ports quantity	1		
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		
Recovery operating system	Windows 8 Pro		

Catalog Object Cloud



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