



Lenovo ThinkPad Edge E420s Intel® Core™ i7 i7-2620M 35.6 cm (14") 4 GB DDR3-SDRAM 0 GB Windows 7 Professional Black

Brand : Lenovo

Product family: ThinkPad

Product code: NWD4QHV

Product name : E420s

ThinkPad Edge E420s - Intel Core i7-2620M (2.70 GHz), 4GB DDR3 1333MHz, 128GB SSD, 14" HD LED (1366x768), Gigabit Ethernet, WLAN, DVD-RW, FPR, Windows 7 Professional 64-bit
Lenovo ThinkPad Edge E420s. Processor family: Intel® Core™ i7, Processor model: i7-2620M, Processor frequency: 2.7 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 0 GB, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 3000. Operating system installed: Windows 7 Professional. Product colour: Black. Weight: 1.88 kg



Design		Processor special features	
Product colour *	Black	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	35.6 cm (14")	Intel® Anti-Theft Technology (Intel® AT)	✓
Display resolution *	1366 x 768 pixels	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
Display brightness	200 cd/m²	Enhanced Intel SpeedStep Technology	✓
Contrast ratio (typical)	300:1	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor		Intel Clear Video Technology	✗
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	✓
Processor family *	Intel® Core™ i7	Intel® Insider™	✓
Processor generation	2nd gen Intel® Core™ i7	Intel® Quick Sync Video Technology	✓
Processor model *	i7-2620M	Intel Flex Memory Access	✓
Processor cores	2	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor threads	4	Intel Trusted Execution Technology	✓
Processor boost frequency	3.4 GHz	Intel Enhanced Halt State	✓
Processor frequency *	2.7 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
System bus rate	5 GT/s	Intel Demand Based Switching	✗
Processor cache	4 MB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor cache type	Smart Cache	Intel 64	✓
Processor socket	BGA 1023	Execute Disable Bit	✓
Processor lithography	32 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-2600 Mobile Series		
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	J1		
Thermal Design Power (TDP)	35 W		

Processor		Processor special features	
Tjunction	100 °C	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express slots version	2.0	Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
PCI Express configurations	1x16, 2x8, 1x8+2x4	Supported instruction sets	AVX
CPU multiplier (bus/core ratio)	27	Processor code	SR041
ECC supported by processor	✗	CPU configuration (max)	1
Memory		Embedded options available	✗
Internal memory *	4 GB	Graphics & IMC lithography	32 nm
Internal memory type	DDR3-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	1333 MHz	Intel Identity Protection Technology version	1.00
Memory slots	2x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	8 GB	Intel Dual Display Capable Technology	✓
Storage		Intel FDI Technology	✓
Total storage capacity *	0 GB	Intel Rapid Storage Technology	✗
SSD capacity	128 GB	Intel Fast Memory Access	✓
Optical drive type *	DVD-RW	Processor ARK ID	52231
Card reader integrated	✓	Conflict-Free processor	✗
Compatible memory cards	MMC, SDHC, SDXC	Integrated 4G WiMAX	✓
Graphics		Battery	
On-board graphics card *	✓	Battery life (max)	7 h
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 3000	DC-in jack	✓
On-board graphics card base frequency	650 MHz	Security	
On-board graphics card dynamic frequency (max)	1300 MHz	Cable lock slot	✓
On-board graphics card ID	0x116	Cable lock slot type	Kensington
Audio		Fingerprint reader	✓
Audio system	HD	Certificates	
Number of built-in speakers	2	Compliance certificates	RoHS
Speaker power	2 W	Sustainability	
Network		Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi	✓	Weight & dimensions	
Networking features	Gigabit Ethernet	Width	349 mm
Ethernet LAN	✓	Depth	236 mm
Bluetooth	✗	Height (front)	2.31 cm
Cabling technology	10/100/1000Base-T(X)	Height (rear)	3.21 cm
Ports & interfaces		Width (imperial)	34.9 cm (13.7")
USB 2.0 ports quantity *	2	Depth (imperial)	23.6 cm (9.29")
eSATA/USB 2.0 ports quantity	1	Height (front) (imperial)	2.31 cm (0.91")
Ethernet LAN (RJ-45) ports	1	Height (rear) (imperial)	3.12 cm (1.23")
HDMI ports quantity *	1	Weight *	1.88 kg
DVI port	✗	Packaging content	
VGA (D-Sub) ports quantity	1	AC adapter included *	✓
Headphone outputs	1	Other features	
S/PDIF out port	✗	Infrared data port	✗
Microphone in	✓	Type	PC
Docking connector	✗	Display	LCD
ExpressCard slot	✓	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
CardBus PCMCIA slot type	✗	HDD user password	✓
SmartCard slot	✗	Intel segment tagging	Home office, Small Business
TV-out	✗		
Keyboard			
Pointing device	ThinkPad UltraNav		
Spill-resistant keyboard	✓		

Keyboard

Full-size keyboard	✓
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Software

Operating system installed *	Windows 7 Professional
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