



Lenovo ThinkPad E560 Intel® Core™ i7 i7-6500U Laptop 39,6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 1 TB HDD AMD Radeon R7 M370 Windows 10 Home Black

Brand : Lenovo

Product family: ThinkPad

Product code: 20EV000WGE

Product name : E560

15.6" LED Full HD 1920 x 1080, Intel Core i7-6500U (4M Cache, 2.5 GHz), 8GB DDR3L, AMD Radeon R7 M370 2GB, 1TB HDD, WLAN 802.11 ac/a/b/g/n, Gigabit Ethernet, Windows 10 Home 64-bit
Lenovo ThinkPad E560. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6500U, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	Docking connector	✓
Product colour *	Black	ExpressCard slot	✗
Form factor *	Clamshell	CardBus PCMCIA slot type	✗
Display		SmartCard slot	✗
Display diagonal *	39,6 cm (15.6")	USB Sleep-and-Charge	✓
Display resolution *	1920 x 1080 pixels	USB Sleep-and-Charge ports	1
Touchscreen *	✗	Keyboard	
HD type	Full HD	Pointing device	ThinkPad UltraNav
Panel type	IPS	Numeric keypad *	✓
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Full-size keyboard	✓
Display surface	Matt	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 10 Home
Processor generation	6th gen Intel® Core™ i7	Processor special features	
Processor model *	i7-6500U	Intel® Wireless Display (Intel® WiDi)	✓
Processor cores	2	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	4	Intel® Smart Response Technology	✓
Processor boost frequency	3,1 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2,5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	4 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	4 MB	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	LGA 1356 (Socket B2)	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-6500 Mobile series		
Processor codename	Skylake		
Bus type	OPI		
Stepping	D1		
Thermal Design Power (TDP)	15 W		

Processor		Processor special features	
Configurable TDP-up frequency	2,6 GHz	Intel Clear Video Technology	✓
Configurable TDP-up	25 W	Intel® InTru™ 3D Technology	✓
Configurable TDP-down	7,5 W	Intel® Insider™	✓
Configurable TDP-down frequency	0,8 GHz	Intel® Quick Sync Video Technology	✓
Tjunction	100 °C	Intel Flex Memory Access	✓
Maximum number of PCI Express lanes	12	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x4, 4x1	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel TSX-NI	✗
Internal memory type	DDR3L-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory clock speed	1600 MHz	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	42 X 24 mm
Number of HDDs installed	1	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
HDD capacity	1 TB	Processor code	SR2EZ
HDD interface	SATA III	CPU configuration (max)	1
HDD speed	7200 RPM	Embedded options available	✗
HDD size	2.5"	Graphics & IMC lithography	14 nm
Optical drive type *	DVD±RW	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	AMD Radeon R7 M370	Intel Secure Key Technology version	1,00
Discrete graphics card memory	2 GB	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card *	✓	Intel TSX-NI version	1,00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	88194
On-board graphics card model *	Intel® HD Graphics 520	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	1050 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum on-board graphics card memory	1,74 GB	Number of battery cells	6
On-board graphics card DirectX version	12.0	Battery life (max)	9 h
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	1916	AC adapter power	65 W
Audio		DC-in jack	✓
Number of built-in speakers	2	Security	
Speakers manufacturer	JBL	Cable lock slot	✓
Speaker power	2 W	Fingerprint reader	✓
Built-in microphone	✓	Password protection	✓
Camera			
Front camera	✓		
Network			
Wi-Fi	✓		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		

Network		Certificates	
Ethernet LAN	✓	Compliance certificates	RoHS
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Bluetooth	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	377 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth	255 mm
Ethernet LAN (RJ-45) ports	1	Height	27,1 mm
HDMI ports quantity *	1	Weight *	2,45 kg
DVI port	✗	Packaging content	
VGA (D-Sub) ports quantity	1	AC adapter included *	✓
Headphone outputs	1	Other features	
S/PDIF out port	✗	Intel segment tagging	Home office, Small Business
Microphone in	✗		
Combo headphone/mic port	✓		

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