Lenovo

Lenovo ThinkPad E460 Intel® Core™ i7 i7-6498DU Laptop 35,6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD AMD Radeon R7 M360 Windows 10 Home Black

Brand : Lenovo   **Product family:** ThinkPad   **Product code:** 20ETA061CD

Product name : E460

14" LED HD 1366 x 768, Intel Core i7-6498DU (2.5GHz, 4M Cache), 4GB DDR3L, AMD Radeon R7 M360 2GB, 500GB HDD, Gigabit Ethernet, WLAN 802.11 ac/a/b/g/n, Bluetooth, Windows 10 Home 64-Bit Lenovo ThinkPad E460. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6498DU, Processor frequency: 2,5 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 510. Operating system installed: Windows 10 Home. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Screen shape	Flat

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6498DU
Processor cores	2
Processor threads	4
Processor boost frequency	3,1 GHz
Processor frequency *	2,5 GHz
Processor cache	4 MB
Processor cache type	Smart Cache
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Skylake
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2,6 GHz
Configurable TDP-up	25 W

Ports & interfaces

Microphone in	✗
Combo headphone/mic port	✔
Docking connector	✔
ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Performance

Motherboard chipset	Intel SoC

Keyboard

Pointing device	ThinkPad UltraNav
Numeric keypad *	✗
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features

Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔

Processor

Configurable TDP-down	7,5 W
Configurable TDP-down frequency	0,8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 4 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD speed	7200 RPM
HDD size	2.5"
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

Discrete graphics card model *	AMD Radeon R7 M360
Discrete graphics card memory	2 GB
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel® HD Graphics 510
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x1906

Audio

Audio system	Dolby Advanced Audio
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

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)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Processor special features

Intel® InTru™ 3D Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	93430
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery life (max)	9 h

Power

AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
DC-in jack	✔

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	HDD, Power on, Supervisor

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	EPEAT Gold, ENERGY STAR

Weight & dimensions

Width	339 mm
Depth	239 mm
Weight *	1,92 kg

Packaging content

AC adapter included *	✔
Manual	✔
Power cord included	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
S/PDIF out port	✗

Other features

LightScribe	✗
Maximum internal memory (64-bit)	16 GB
Intel segment tagging	Home office, Small Business

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