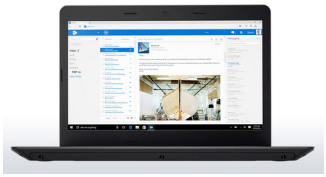
Lenovo ThinkPad E470 Intel® Core™ i3 i3-7100U Laptop 35.6 cm (14") HD 4 GB DDR4-SDRAM 500 GB HDD Wi-Fi 5 (802.11ac) Windows 10 Pro Black





Brand : Lenovo **Product family:** ThinkPad **Product code:** 20H10038US

Product name : ThinkPad E470

Intel Core i3-7100U 2.4GHz, Intel HD Graphics 620, 4GB DDR4 2400MHz, 14", 1366 x 768, 500GB 7200rpm, 802.11ac, Bluetooth 4.1, 720p Webcam, Fingerprint Reader, 6-cell 45Wh Battery, Windows 10 Pro 64-bit
Lenovo ThinkPad E470. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-7100U, Processor frequency: 2.4 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 620. Operating system installed: Windows 10 Pro. Product colour: Black

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS)
Market positioning	Business

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 brightness	220 cd/m²

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	7th gen Intel® Core™ i3
Processor model *	i3-7100U
Processor cores	2
Processor threads	4
Processor frequency *	2.4 GHz
System bus rate	4 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1356
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake
Bus type	OPI
Stepping	H0
Thermal Design Power (TDP)	15 W
Configurable TDP-down	7.5 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12

Ports & interfaces	
DVI port	✗
Docking connector	✗

Keyboard	
Pointing device	Trackpad
Numeric keypad *	✗
Island-style keyboard	✓
Windows keys	✓

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✓
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	✗
Intel® Small Business Advantage (Intel® SBA)	✓
Enhanced Intel SpeedStep Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel® InTru™ 3D Technology	✓
Intel® Insider™	✓
Intel® Quick Sync Video Technology	✓
Intel Flex Memory Access	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✓

Processor	
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	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 4 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	16 GB
Maximum internal memory (64-bit)	16 GB

Storage	
Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA III
HDD speed	7200 RPM
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 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	0x5916

Camera	
Front camera	✓

Network	
Wi-Fi	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✓
Bluetooth	✓
Bluetooth version	4.1

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1

Processor special features	
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® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Intel 64	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.2
Processor code	SR2ZW
CPU configuration (max)	1
Embedded options available	✓
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	95442
Conflict-Free processor	✓

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6

Power	
AC adapter power	45 W
DC-in jack	✓

Security	
Fingerprint reader	✓

Weight & dimensions	
Width	339 mm
Depth	242 mm
Height	23.7 mm
Weight *	1.87 kg

Other features	
Intel segment tagging	Home office, Small Business

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