



Lenovo ThinkPad E470 Intel® Core™ i7 i7-7500U Laptop 35,6 cm (14") HD 8 GB DDR4-SDRAM 500 GB HDD NVIDIA® GeForce® 940MX Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : Lenovo

Product family: ThinkPad

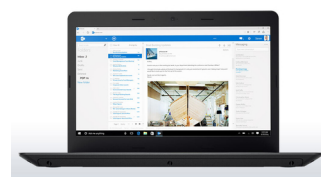
Product code: 20H1004RUS

Product name : ThinkPad E470

Intel Core i7-7500U 2.7GHz, NVIDIA GeForce 940MX 2GB, 8GB DDR4 2400MHz, 14", 1920 x 1080, 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™ i7, Processor model: i7-7500U, Processor frequency: 2,7 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 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		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Black	DVI port	✗
Form factor *	Clamshell	Docking connector	✗
Housing material	Acrylonitrile butadiene styrene (ABS)	Keyboard	
Market positioning	Business	Pointing device	Trackpad
Display		Numeric keypad *	✗
Display diagonal *	35,6 cm (14")	Island-style keyboard	✓
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Operating system architecture	64-bit
Panel type	IPS	Operating system installed *	Windows 10 Pro
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® Wireless Display (Intel® WiDi)	✓
Display brightness	250 cd/m²	Intel® My WiFi Technology (Intel® MWT)	✓
Contrast ratio (typical)	400:1	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i7-7500U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✓
Processor boost frequency	3,5 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,7 GHz	Intel® Insider™	✓
System bus rate	4 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	4 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1356	Intel Trusted Execution Technology	✗
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-up frequency	2,9 GHz		
Configurable TDP-up	25 W		

Processor		Processor special features	
Configurable TDP-down	7,5 W	Intel Enhanced Halt State	✓
Configurable TDP-down frequency	0,8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	12	Intel TSX-NI	✗
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2400 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory layout (slots x size)	1 x 8 GB	Processor package size	42 x 24 mm
Memory slots	1x SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	16 GB	Processor code	SR2ZV
Storage		CPU configuration (max)	1
Total storage capacity *	500 GB	Embedded options available	✗
Storage media *	HDD	Graphics & IMC lithography	14 nm
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD capacity	500 GB	Intel Identity Protection Technology version	1,00
HDD interface	SATA III	Intel Smart Response Technology version	1,00
HDD speed	7200 RPM	Intel Stable Image Platform Program (SIPP) version	0,00
Optical drive type *	✗	Intel Secure Key Technology version	1,00
Card reader integrated	✓	Intel TSX-NI version	0,00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	95451
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium Polymer (LiPo)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	6
On-board graphics card model *	Intel® HD Graphics 620	Power	
On-board graphics card base frequency	300 MHz	AC adapter power	45 W
On-board graphics card dynamic frequency (max)	1050 MHz	DC-in jack	✓
Maximum on-board graphics card memory	32 GB	Security	
On-board graphics card DirectX version	12.0	Fingerprint reader	✓
On-board graphics card OpenGL version	4.4	Weight & dimensions	
On-board graphics card ID	0x5916	Width	339 mm
Camera		Depth	242 mm
Front camera	✓	Height	23,7 mm
Network		Weight *	1,87 kg
Wi-Fi	✓	Other features	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Maximum internal memory (64-bit)	16 GB
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Intel segment tagging	Home office, Small Business
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		

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