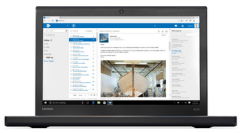
Lenovo ThinkPad X270 Intel® Core™ i3 i3-6100U Kannettava tietokone 31,8 cm (12.5") 4 GB DDR4-SDRAM 128 GB SSD Windows 10 Pro musta



Tuotemerkki : Lenovo **Tuoteperhe:** ThinkPad **Tuotekoodi:** 20K5S3CP00

Tuotteen nimi : X270

31.75 cm (12.5 ") LED, Intel Core i3-6100U (3M Cache, 2GHz), 4GB DDR4, Intel HD Graphics 520, 128GB SSD, Gigabit Ethernet, WLAN, Bluetooth, Windows 10 Pro 64-Bit
Lenovo ThinkPad X270. Tuotetyyppi: Kannettava tietokone, Kotelo: Simpukka. Suoritinperhe: Intel® Core™ i3, Prosessorimalli: i3-6100U, Prosessorin taajuus: 2,3 GHz. Näytön halkaisija: 31,8 cm (12.5"). Sisäinen muisti: 4 GB, Sisäisen muistin tyyppi: DDR4-SDRAM. Kokonaistallennuskapasiteetti: 128 GB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel® HD Graphics 520. Käyttöjärjestelmä asennettu: Windows 10 Pro. Tuotteen väri: musta

Design	
Colour name	Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Glass-reinforced plastic (GRP)
Market positioning	Business

Display	
Display diagonal *	31.8 cm (12.5")
Touchscreen *	✗
LED backlight	✓
Native aspect ratio	16:9
Screen shape	Flat

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	6th gen Intel® Core™ i3
Processor model *	i3-6100U
Processor cores	2
Processor threads	4
Processor frequency *	2.3 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 series	Intel Core i3-6100 series
Processor codename	Skylake
Bus type	QPI
Stepping	D1
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
PCI Express slots version	3.0

Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad *	✗
Spill-resistant keyboard	✓
Full-size 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® Smart Cache	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓

Processor	
PCI Express configurations	1x4, 4x1
ECC supported by processor	✗

Memory	
Internal memory *	4 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 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

Storage	
Total storage capacity *	128 GB
Storage media *	SSD
Number of SSDs installed	1
SSD capacity	128 GB
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 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	1.74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916

Audio	
Audio chip	Realtek ALC3268
Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✓

Camera	
Front camera	✓
Front camera signal format	720p

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	4.1

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

Processor special features	
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	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2EU
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 Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	88180
Conflict-Free processor	✓

Power	
AC adapter power	45 W
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	ENERGY STAR

Weight & dimensions	
Width	305.5 mm
Depth	208.5 mm
Height	20.3 mm

Packaging content	
AC adapter included *	✓
Manual	✓
Quick start guide	✓

Ports & interfaces	
HDMI version	1.4b
DVI port	✗
Microphone in	✗
Combo headphone/mic port	✓
Docking connector	✓
USB Sleep-and-Charge	✓
USB Sleep-and-Charge ports	1

Performance	
Motherboard chipset	Intel SoC

Packaging content	
Power cord included	✓

Other features	
Maximum internal memory (64-bit)	16 GB

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