



## Lenovo ThinkPad P70 Intel® Core™ i7 i7-6700HQ Mobile workstation 17.3" Full HD 16 GB DDR4-SDRAM 256 GB SSD NVIDIA® Quadro® M3000M Windows 7 Professional Black



**Brand :** Lenovo

**Product family:** ThinkPad

**Article code:** 20ER00UUS

**Product name :** ThinkPad P70

43.942 cm (17.3 ") LED FHD 1920 x 1080, Intel Core i7-6700HQ (2.6 GHz), 16GB DDR4, NVIDIA Quadro M3000M, 256GB SSD, Gigabit Ethernet, WLAN, Bluetooth, Windows 7 Pro 64-bit  
Lenovo ThinkPad P70. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6700HQ, Processor frequency: 2.6 GHz. Display diagonal: 17.3", HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product color: Black



Design		Keyboard	
Product type *	Mobile workstation	Pointing device	ThinkPad UltraNav
Product color *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Keyboard backlit	✓
Display		Windows keys	✓
Display diagonal *	17.3"	Software	
Display resolution *	1920 x 1080 pixels	Operating system architecture	64-bit
Touchscreen *	✗	Recovery operating system	Windows 10 Pro
HD type	Full HD	Operating system installed *	Windows 7 Professional
Panel type	IPS	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Display surface	Matt	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	6th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i7-6700HQ	Enhanced Intel SpeedStep Technology	✓
Processor cores	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	8	Intel Clear Video Technology	✓
Processor boost frequency	3.5 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.6 GHz	Intel® Insider™	✓
System bus rate	8 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	6 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1440	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core i7-6700 Mobile series	Intel® Secure Key	✓
Processor codename	Skylake		
Bus type	DMI3		
Stepping	R0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	16 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2133 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	4x SO-DIMM	Idle States	✓
Maximum internal memory *	64 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 x 28 mm
Total storage capacity *	256 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage media *	SSD	Processor code	SR2FQ
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Embedded options available	✗
SSD form factor	M.2	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 *	NVIDIA® Quadro® M3000M	Intel Secure Key Technology version	1.00
Discrete graphics card memory	4 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	88967
On-board graphics card model *	Intel® HD Graphics 530	Conflict-Free processor	✓
On-board graphics card base frequency	350 MHz	Battery	
On-board graphics card dynamic frequency (max)	1050 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum on-board graphics card memory	1.7 GB	Number of battery cells	8
On-board graphics card DirectX version	12.0	Battery capacity *	96 Wh
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x191B	DC-in jack	✓
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	2 W	Fingerprint reader	✓
Built-in microphone	✓	Password protection	✓
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Ethernet LAN	✓	Width	16.4" (416 mm)
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	10.8" (275.5 mm)
Bluetooth	✓	Height (front)	1.18" (2.99 cm)
Bluetooth version	4.1	Height (rear)	1.35" (3.42 cm)
Ports & interfaces		Weight *	7.28 lbs (3.3 kg)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
Mini DisplayPorts quantity	1		

Ports & interfaces		Other features	
DVI port	✗	LightScribe	✗
Combo headphone/mic port	✓	Intel segment tagging	Professional
Docking connector	✓		
USB Sleep-and-Charge	✓		
USB Sleep-and-Charge ports	1		

## Catalog Object Cloud



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