



Lenovo IdeaPad 700 (15") Intel® Core™ i7 i7-6700HQ Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1,26 TB HDD+SSD NVIDIA® GeForce® GTX 950M Windows 10 Home Black

Brand : Lenovo

Product family: IdeaPad

Product code: 80RU00D8US

Product name : ideapad 700 (15")

Intel Core i7-6700HQ Processor (6M Cache, up to 3.50 GHz), 16GB RAM, 1000GB HDD + 256GB SSD, 15.6" FHD (1920x1080) IPS, Intel HD Graphics 530 + NVIDIA GeForce GTX 950M, Windows 10 Home 64 Lenovo IdeaPad 700 (15"). Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6700HQ, Processor frequency: 2,6 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1,26 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 10 Home. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Keyboard backlight	✓
Product colour *	Black	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Plastic	Software	
Display		Operating system architecture	64-bit
Display diagonal *	39,6 cm (15.6")	Operating system installed *	Windows 10 Home
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✗	Intel® Wireless Display (Intel® WiDi)	✓
HD type	Full HD	Intel® My WiFi Technology (Intel® MWT)	✓
Panel type	IPS	Intel® Anti-Theft Technology (Intel® AT)	✗
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Display brightness	200 cd/m²	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Dual-screen	✗	Intel® Turbo Boost Technology	2.0
Contrast ratio (typical)	700:1	Intel® Small Business Advantage (Intel® SBA)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Built-in Visuals Technology	✓
Processor family *	Intel® Core™ i7	Intel HD Graphics	✓
Processor generation	6th gen Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i7-6700HQ	Intel Clear Video Technology	✓
Processor cores	4	Intel® InTru™ 3D Technology	✓
Processor threads	8	Intel® Insider™	✓
Processor boost frequency	3,5 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2,6 GHz	Intel Flex Memory Access	✓
System bus rate	8 GT/s	Intel® Smart Cache	✓
Processor cache	6 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-6700 Mobile series		
Processor codename	Skylake		
Bus type	DMI3		
FSB Parity	✗		
Stepping	R0		

Processor		Processor special features	
Thermal Design Power (TDP)	45 W	Intel Enhanced Halt State	✓
Configurable TDP-down	35 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel Demand Based Switching	✗
Maximum number of PCI Express lanes	16	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	2 x 8 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 x 28 mm
Maximum internal memory *	32 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		Processor code	SR2FQ
Total storage capacity *	1,26 TB	CPU configuration (max)	1
Storage media *	HDD+SSD	Embedded options available	✗
Number of hard drives installed	1	Graphics & IMC lithography	14 nm
Hard drive capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive interface	SATA III	Intel Identity Protection Technology version	1,00
Hard drive speed	5400 RPM	Intel Smart Response Technology version	1,00
Hard drive size	2.5"	Intel Stable Image Platform Program (SIPP) version	0,00
Number of SSDs installed	1	Intel Secure Key Technology version	1,00
Solid-state drive capacity	256 GB	Intel Small Business Advantage (SBA) version	1,00
Optical drive type *	✗	Intel TSX-NI version	1,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 950M	Intel Rapid Storage Technology	✗
Discrete graphics card memory	4 GB	Intel Fast Memory Access	✗
On-board graphics card *	✓	Processor ARK ID	88967
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 530	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	350 MHz	Number of battery cells	3
On-board graphics card dynamic frequency (max)	1050 MHz	Battery capacity *	45 Wh
Maximum on-board graphics card memory	1,7 GB	Battery life (max)	4 h
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.4	AC adapter power	135 W
On-board graphics card ID	0x191B	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards installed	1	AC adapter input voltage	100 - 240 V
Graphics card Open GL support	✓	DC-in jack	✓
Audio		Security	
Audio system	Dolby Home Theater	Cable lock slot	✓
Number of built-in speakers	2	Password protection	✓
Speaker power	2,5 W	Password protection type	HDD, Power on, Supervisor
Built-in microphone	✓	Camera	
		Front camera	✓
		Front camera resolution (numeric)	1 MP
		Front camera resolution	1280 x 720 pixels

Network		Operational conditions	
Wi-Fi	✓	Operating temperature (T-T)	5 - 35 °C
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Storage temperature (T-T)	5 - 43 °C
Ethernet LAN	✓	Operating relative humidity (H-H)	8 - 95%
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage relative humidity (H-H)	5 - 95%
Bluetooth	✓	Operating altitude	0 - 2438 m
Bluetooth version	4.0	Certificates	
Ports & interfaces		Compliance certificates	RoHS
USB 2.0 ports quantity *	1	Sustainability	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Sustainability certificates	EPEAT Silver, ENERGY STAR
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
HDMI ports quantity *	1	Width	384 mm
DVI port	✗	Depth	265 mm
Mini DisplayPort/Thunderbolt combo port	✗	Height	22,7 mm
LAN/VGA combo port	✗	Weight *	2,3 kg
Headphone outputs	1	Packaging content	
Microphone in	✓	Mouse included	✗
Combo headphone/mic port	✓	AC adapter included *	✓
ExpressCard slot	✗	Handheld remote control	✗
CardBus PCMCIA slot type	✗	Manual	✓
SmartCard slot	✗	Power cord included	✓
TV-out	✗	Other features	
Performance		LightScribe	✗
Motherboard chipset	Intel® HM170	3D	✗
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		

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