



Lenovo IdeaPad Y700 (14") Intel® Core™ i5 i5-6300HQ Laptop 14" Full HD 8 GB DDR4-SDRAM 1 TB HDD AMD Radeon R9 M375 Windows 10 Home Black



Brand : Lenovo

Product family: IdeaPad

Article code: 80NU0000US

Product name : ideapad Y700
(14")

Intel Core i5-6300HQ Processor (6M Cache, up to 3.20 GHz), 8GB RAM, 1000GB HDD, 14" FHD (1920x1080) IPS, Intel HD Graphics 530 + AMD Radeon R9 M375, Windows 10 Home 64
Lenovo IdeaPad Y700 (14"). Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6300HQ, Processor frequency: 2.3 GHz. Display diagonal: 14", HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 10 Home. Product color: Black

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Home
Product color *	Black	Processor special features	
Form factor *	Clamshell		
Market positioning	Gaming	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	14"	Intel® Anti-Theft Technology (Intel® AT)	✗
Display resolution *	1920 x 1080 pixels	Intel® Smart Response Technology	✓
Touchscreen *	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	Full HD	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Panel type	IPS	Intel® Turbo Boost Technology	2.0
Display number of colors	16.78 million colors	Intel® Small Business Advantage (Intel® SBA)	✓
LED backlight	✓	Enhanced Intel SpeedStep Technology	✓
Native aspect ratio	16:9	Intel® Built-in Visuals Technology	✓
Display surface	Matt	Intel HD Graphics	✓
Dual-screen	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor		Intel Clear Video Technology	✓
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	✓
Processor family *	Intel® Core™ i5	Intel® Insider™	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Quick Sync Video Technology	✓
Processor model *	i5-6300HQ	Intel Flex Memory Access	✓
Processor cores	4	Intel® Smart Cache	✓
Processor threads	4	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor boost frequency	3.2 GHz	Intel Trusted Execution Technology	✗
Processor frequency *	2.3 GHz	Intel Enhanced Halt State	✓
System bus rate	8 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	6 MB	Intel Demand Based Switching	✗
Processor cache type	Smart Cache	Intel® Secure Key	✓
Processor socket	BGA 1440	Intel TSX-NI	✓
Processor lithography	14 nm	Intel Stable Image Platform Program (SIPP)	✗
Processor operating modes	64-bit	Intel® OS Guard	✓
Processor series	Intel® Core™ i5-6300 Mobile Series		
Processor codename	Skylake		
Bus type	DMI3		
FSB Parity	✗		
Stepping	R0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express slots version	3.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	8 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR4-SDRAM	Processor package size	42 x 28 mm
Memory form factor	SO-DIMM	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Memory layout (slots x size)	1 x 8 GB	Processor code	SR2FP
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	8 GB	Embedded options available	✗
Storage		Graphics & IMC lithography	14 nm
Total storage capacity *	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	1.00
Number of HDDs installed	1	Intel Smart Response Technology version	1.00
HDD capacity	1 TB	Intel Stable Image Platform Program (SIPP) version	0.00
HDD speed	5400 RPM	Intel Secure Key Technology version	1.00
HDD size	2.5"	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 *	AMD Radeon R9 M375	Intel Rapid Storage Technology	✗
Discrete graphics card memory	2 GB	Processor ARK ID	88959
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® HD Graphics 530	Number of battery cells	3
On-board graphics card base frequency	350 MHz	Battery capacity *	45 Wh
On-board graphics card dynamic frequency (max)	950 MHz	Power	
Maximum on-board graphics card memory	1.7 GB	AC adapter power	135 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.4	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x191B	DC-in jack	✓
Number of discrete graphics cards installed	1	Security	
Graphics card Open GL support	✓	Cable lock slot	✓
Audio		Password protection	✓
Audio system	HD	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Operational conditions	
Speakers manufacturer	JBL	Operating temperature (T-T)	5 - 35 °C
Built-in microphone	✓	Storage temperature (T-T)	5 - 43 °C
Camera		Operating relative humidity (H-H)	8 - 95%
Front camera	✓	Storage relative humidity (H-H)	5 - 95%
Front camera resolution	1280 x 720 pixels	Operating altitude	0 - 95984.3" (0 - 2438 m)
Rear camera	✗	Certificates	
Network		Compliance certificates	RoHS
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	100,1000 Mbit/s		

Network		Sustainability	
Bluetooth	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Bluetooth version	4.1	Weight & dimensions	
Ports & interfaces		Width	13.8" (350 mm)
USB 2.0 ports quantity *	1	Depth	10.2" (259 mm)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	1.02" (26 mm)
Ethernet LAN (RJ-45) ports	1	Weight *	4.85 lbs (2.2 kg)
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
Headphone outputs	1	Manual	✓
S/PDIF out port	✗	Quick start guide	✓
Microphone in	✓	Power cord included	✓
Combo headphone/mic port	✓	Other features	
CardBus PCMCIA slot type	✗	LightScribe	✗
SmartCard slot	✗	3D	✗
Performance		Maximum internal memory (64-bit)	8 GB
Motherboard chipset	Intel® HM170		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		

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