



Lenovo IdeaPad Y700 (14") Intel® Core™ i5 i5-6300HQ Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 1 TB HDD AMD Radeon R9 M375 Windows 10 Home Black



Brand : Lenovo

Product family: IdeaPad

Product 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: i5-6300HQ, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (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 colour: Black

Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 10 Home
Form factor *	Clamshell	Processor special features	
Market positioning	Gaming	Intel Wireless Display (WiDi) Technology	✓
Display		Intel My WiFi Technology	✓
Display diagonal *	35.6 cm (14")	Intel Anti-Theft Technology	✗
Display resolution *	1920 x 1080 pixels	Intel® Smart Response Technology	✓
Touchscreen *	✗	Intel Identity Protection Technology	✓
HD type	Full HD	Intel Hyper-Threading Technology	✗
Panel type	IPS	Intel Turbo Boost Technology	2.0
Display colors	16.78 million colours	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	✓
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 *	i5-6300HQ	Intel Flex Memory Access	✓
Processor number of cores	4	Intel® Smart Cache	✓
Processor threads	4	Intel AES New Instructions	✓
Processor boost frequency	3.2 GHz	Intel Trusted Execution Technology	✗
Processor frequency *	2.3 GHz	Intel Enhanced Halt State	✓
System bus data transfer 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	Intel Software Guard Extensions (Intel SGX)	✓
Processor codename	Skylake	Intel Clear Video Technology for MID	✓
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 64	✓
PCI Express slots version	3.0	Execute Disable Bit	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	42 x 28 mm
Internal memory *	8 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Internal memory type	DDR4-SDRAM	Processor code	SR2FP
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 8 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	14 nm
Memory, maximum *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	1 TB	Intel Smart Response Technology version	1.00
Storage media *	HDD	Intel Stable Image Platform Program (SIPP) version	0.00
Number of HDDs installed	1	Intel Secure Key Technology version	1.00
Hard drive capacity	1 TB	Intel Small Business Advantage (SBA) version	1.00
Hard drive rotational speed	5400 RPM	Intel TSX-NI version	1.00
Hard drive size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive *	✗	Intel Dual Display Capable Technology	✗
Card reader integrated	✓	Intel FDI Technology	✗
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✗
Discrete graphics card model *	AMD Radeon R9 M375	Processor ARK ID	88959
Discrete graphics card memory	2 GB	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	3
On-board graphics card model *	Intel® HD Graphics 530	Battery capacity *	45 Wh
On-board graphics card base frequency	350 MHz	Power	
On-board graphics card dynamic frequency (max)	950 MHz	AC adapter power	135 W
Maximum on-board graphics card memory	1.7 GB	AC adapter frequency	50 - 60 Hz
On-board graphics card DirectX version	12.0	AC adapter input voltage	100 - 240 V
On-board graphics card OpenGL version	4.4	DC-in jack	✓
On-board graphics card ID	0x191B	Security	
Number of discrete graphics cards installed	1	Cable lock slot	✓
Graphics card Open GL support	✓	Password protection	✓
Audio		Password protection type	HDD, Power on, Supervisor
Audio system	HD	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	5 - 35 °C
Speakers manufacturer	JBL	Storage temperature (T-T)	5 - 43 °C
Built-in microphone	✓	Operating relative humidity (H-H)	8 - 95%
Camera		Storage humidity	5 - 95%
Front camera	✓	Operating altitude	0 - 2438 m
Front camera resolution	1280 x 720 pixels	Certificates	
Rear camera	✗	Compliance certificates	RoHS
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN connection	✓	Width	350 mm
Ethernet LAN data rates	100,1000 Mbit/s	Depth	259 mm

Network		Weight & dimensions	
Bluetooth	✓	Height	26 mm
Bluetooth version	4.1	Weight *	2.2 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Manual	✓
Ethernet LAN (RJ-45) ports	1	Quick start guide	✓
HDMI ports quantity *	1	Power cord included	✓
DVI port	✗	Other features	
Headphone outputs	1	LightScribe	✗
S/PDIF out port	✗	3D compatibility	✗
Microphone in	✓	Maximum internal memory (64-bit)	8 GB
Combo headphone/mic port	✓		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Performance			
Chipset	Intel® HM170		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		

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