



Lenovo IdeaPad 300 Intel® Core™ i3 i3-6100U Laptop 15.6" HD 4 GB DDR3L-SDRAM 1 TB HDD AMD Radeon R5 M330 Windows 10 Home Black



Brand : Lenovo

Product family: IdeaPad

Article code: 80Q701JBRK

Product name : 300

39.624 cm (15.6 ") LED HD 1366 x 768, Intel Core i3-6100U (3M Cache, 2.3 GHz), 4GB DDR3L, AMD Radeon R5 M330 2GB, 1000GB HDD, WLAN, Windows 10 Home 64-bit
Lenovo IdeaPad 300. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-6100U, Processor frequency: 2.3 GHz. Display diagonal: 15.6", HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product color: Black



Design		Ports & interfaces	
Product type *	Laptop	ExpressCard slot	✗
Product color *	Black	CardBus PCMCIA slot type	✗
Form factor *	Clamshell	SmartCard slot	✗
Display		Keyboard	
Display diagonal *	15.6"	Pointing device	Touchpad
Display resolution *	1366 x 768 pixels	Numeric keypad *	✓
Touchscreen *	✗	Windows keys	✓
HD type	HD	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 10 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i3	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	6th gen Intel® Core™ i3	Intel® Smart Response Technology	✓
Processor model *	i3-6100U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	✗
Processor frequency *	2.3 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
System bus rate	4 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1356	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i3-6100 series	Intel Flex Memory Access	✓
Processor codename	Skylake	Intel® Smart Cache	✓
Bus type	QPI	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	D1	Intel Trusted Execution Technology	✗
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		
PCI Express configurations	1x4, 4x1		

Processor		Processor special features	
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	4 GB	Intel® Secure Key	✓
Internal memory type	DDR3L-SDRAM	Intel TSX-NI	✗
Memory clock speed	1600 MHz	Intel Stable Image Platform Program (SIPP)	✗
Memory form factor	SO-DIMM	Intel® OS Guard	✓
Memory slots	2x SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Maximum internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage		Intel 64	✓
Total storage capacity *	1 TB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	1 TB	Processor package size	42 X 24 mm
Optical drive type *	✗	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Card reader integrated	✓	Processor code	SR2EU
Compatible memory cards	MMC, SD, SDHC, SDXC	CPU configuration (max)	1
Graphics		Embedded options available	✓
Discrete graphics card model *	AMD Radeon R5 M330	Graphics & IMC lithography	14 nm
Discrete graphics card memory	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card *	✓	Intel Smart Response Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card model *	Intel® HD Graphics 520	Intel Secure Key Technology version	1.00
On-board graphics card base frequency	300 MHz	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel TSX-NI version	1.00
Maximum on-board graphics card memory	1.74 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card DirectX version	12.0	Processor ARK ID	88180
On-board graphics card OpenGL version	4.4	Conflict-Free processor	✓
On-board graphics card ID	1916		
Audio		Battery	
Number of built-in speakers	2	Battery life (max)	4 h
Speaker power	1.5 W		
Camera		Power	
Front camera	✓	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	15.1" (384 mm)
Bluetooth version	4.0	Depth	10.4" (265 mm)
Ports & interfaces		Height	0.902" (22.9 mm)
USB 2.0 ports quantity *	2	Weight *	5.07 lbs (2.3 kg)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1	Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	✗		
VGA (D-Sub) ports quantity	1	Other features	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✗		
Combo headphone/mic port	✓		

Ports & interfaces

Docking connector ✖

Catalog Object Cloud



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