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





Product tope * Product type * Product type * Product type * Product type * Black Black Clamshell SamctCard slot X X X X X X X X X				
Product color * Form factor * Clamshell CardBus PCMCIA slot type X Form factor * Clamshell Clamshell SmartCard slot X Display Keyboard Touchpad Display resolution * 1366 x 768 pixels Pointing device Touchpad Display resolution * 2166 x 768 pixels Minemic keypad * 7 * 7 Touchscreen * 4 Touchscreen * 10 to Dyce HD Windows keys * 4 LED backlight ✓ 80ftware * 4 * 4 Native aspect ratio 16:9 Operating system architecture device of the particle of the part	Design		Ports & interfaces	
Display	Product type *	Laptop	ExpressCard slot	×
Form factor* Clamshell SmartCard slot X Display Keyboard Display resolution* 13.6° Pointing device Touchpad Display resolution* 1366 x 768 pixels Numeric keypad* ✓ Touchscreen* X Numeric keypad* ✓ HD Upe HD Windows keys ✓ LED backlight ✓ Software ✓ Native aspect ratio 16:9 Operating system architecture 64-bit Processor Intel® Core** 13 Intel® Wireless Display (Intel® Windows 10 Home Processor family* Intel® Overeless of special features ✓ Processor frequency 13-6100U Intel® Wireless Display (Intel® ✓ Processor frequency 2.3 GHz Intel® Smart Response Technology	Product color *	Black	CardBus PCMCIA slot type	×
Display Keyboard Display diagonal * Display resolution * 1366 x 768 pixels Pointing device point	Form factor *	Clamshell	• •	
Display diagonal * 15.6" Pointing device Touchpad Display resolution * 1366 x 768 pixels Numeric keypad * * Touchscreen * X Windows keys * HD type HD Software * LED backlight * Software * Native aspect ratio 16:9 Operating system architecture 64-bit Processor * Operating system installed * Windows 10 Home Processor manufacturer * Intel * Processor special features Processor family * Intel® Core ** i3 Intel® Wireless Display (Intel® * Processor generation 6th gen Intel® Core ** i3 Intel® Wireless Display (Intel® * Processor cores 2 Intel® My WiFi Technology (Intel® * Processor cores 2 Intel® My WiFi Technology (Intel® PT) * Processor treads 4 Intel® My WiFi Technology (Intel® PT) * Processor fequency * 2.3 GHz Technology (Intel® PT) * Processor cache 3 MB Intel® My Processor Cac	Display			••
Display resolution* 1366 x /68 pixels Numeric keypad *	Display diagonal *	15.6"	•	Tauchnad
Touchscreen* HD type HD Dype HD Boacklight Frocessor Processor Processor Processor manufacturer* Intel® Core™ i3 Processor generation GB g	Display resolution *	1366 x 768 pixels		'
LED backlight	Touchscreen *	×		
Native aspect ratio Processor Processor manufacturer * Intel Processor family * Intel® Core™ i3 Processor generation Processor model * Intel® Core™ i3 Processor ocres 2 Processor treads 4 Processor frequency * 2.3 GHz System bus rate 4 GT/s System bus rate 4 GT/s Processor cache 3 MB (Intel® Trebnology (Intel® IPT) System bus rate 4 GT/s Processor cache 3 MB (Intel® Trebnology) Processor special features Processor ocres 2 Processor ocres 2 Processor frequency * 2.3 GHz System bus rate 4 GT/s Intel® My WiFi Technology (Intel® WMVT) Processor frequency * 2.3 GHz Technology (Intel® IPT) System bus rate 4 GT/s Intel® Hyper Threading Technology Processor cache 3 MB (Intel® Turbo Boost Technology Processor socket BGA 1356 Intel® Small Business Advantage (Intel® SBA) Processor series Intel Core i3-6100 series Technology Processor odename Skylake Intel® Clear Video HD Technology (Intel® CVT HD) Intel Clear Video Technology Processor series Intel Clear Video Technology Processor series Intel® Clear Video Technology Processor odename Skylake Intel® Intru™ 3D Technology Processor odename Intel® Intru™ 3D Technology Processor odename Intel® Intel® Intru™ 3D Technology Processor odename Intel® Intru™ 3D Technolog	HD type	HD	Windows keys	✓
Processor Operating system installed * Windows 10 Home Processor manufacturer * Intel Processor special features Processor family * Intel® Core™ i3 Intel® Wireless Display (Intel® ✓ Processor generation 6th gen Intel® Core™ i3 Intel® My WiFi Technology (Intel® ✓ Processor model * i3-6100U Intel® My WiFi Technology (Intel® ✓ Processor threads 4 Intel® Smart Response Technology ✓ Processor threads 4 Intel® Gentity Protection ✓ Processor frequency * 2.3 GHz Technology (Intel® IPT) ✓ System bus rate 4 GT/s Intel® Hyper Threading Technology ✓ Processor cache 3 MB (Intel® Turbo Boost Technology X Processor socket BGA 1356 Intel® Turbo Boost Technology X Processor lithography 14 nm (Intel® Small Business Advantage Y Processor operating modes 64-bit Enhanced Intel SpeedStep Y Processor codename Skylake Intel® Clear Video HD Technology Y <	LED backlight	✓	Software	
Processor manufacturer * Intel Processor special features Processor family * Intel® Core™ i3 Intel® Wireless Display (Intel® Processor generation 6th gen Intel® Core™ i3 Intel® My WiFi Technology (Intel® WiF) Processor ores 2 Intel® Smart Response Technology Processor threads 4 Intel® Identity Protection Processor frequency * 2.3 GHz Intel® Identity Protection Processor frequency * 2.3 GHz Intel® Identity Protection Processor cache 4 GT/s Intel® Identity Protection Processor cache 3 MB (Intel® HT Technology (Intel® HT) Processor cache 1 Intel® Smart Response Technology (Intel® IPT) Processor cache 1 Intel® Smart Response Technology (Intel® IPT) Processor cache 1 Intel® Identity Protection Processor socket Intel® Identity Intel® Identity Intel® Identity Intel® Intel® Identity Intel® Identity Intel® Identity Intel® Identity Intel® Identity Intel® Identity Intel® Intel® Identity Intel® Intel® Identity Intel® Identity Intel® Identity Intel® Intel® Identity Intel® Identity Intel® Intel® Identity Intel® Intel® Identity Intel® Intel® Intel® Identity Intel® Identit	Native aspect ratio	16:9	Operating system architecture	64-bit
Processor manufacturer * Intel Processor special features Processor family * Intel® Core™ i3 Intel® Wireless Display (Intel® Yellow) Processor generation 6th gen Intel® Core™ i3 Intel® My WiFi Technology (Intel® Yellow) Processor model * i3-6100U MWT) Processor cores 2 Intel® Smart Response Technology ✓ Processor threads 4 Intel® Intel® (Intel® Intel®	Processor		Operating system installed *	Windows 10 Home
Processor family * Intel® Core™ i3		Intel	Processor special features	
Processor generation Processor model * Processor model * Processor model * Processor cores Processor threads Processor threads Processor threads Processor threads Processor threads Processor cache Processor series Processor integraphy Processor series Processor series Processor cache Processor cache Processor series Processor cache Processor series Processor cache Processor cache Processor series Processor cache Processor series Processor cache Processor cache Processor series Processor cache Processor series Processor cache Processor cache Processor series Processor cache Processor cache Processor cache Processor series Processor cache Processor cache Processor cache Processor cache Processor cache Processor cache Processor series Processor cache Processor series Processor cache Processor cache Processor cache Processor cache Processor cache Processor series Processor series Processor cache Processor series Processor cache Processor series Processor cache Processor series Processor cache Processor series Processor series Processor cache Processor series Processor series Processor series Processor series Processor series Processor series Processor cache Processor series Processor ser			Intel® Wireless Display (Intel®	,
Processor model * i3-6100U Intel® My WiFi Technology (Intel® MWT) ✓ Processor cores 2 Intel® Smart Response Technology ✓ Processor threads 4 Intel® Identity Protection Technology (Intel® IPT) ✓ System bus rate 4 GT/s Intel® Hyper Threading Technology ✓ Processor cache 3 MB Intel® Hyper Threading Technology ✓ Processor cache type Smart Cache Intel® Turbo Boost Technology ✓ Processor socket BGA 1356 Intel® Small Business Advantage ✓ Processor lithography 14 nm Intel® Small Business Advantage ✓ Processor operating modes 64-bit Enhanced Intel SpeedStep ✓ Processor codename Skylake Intel® Clear Video HD Technology ✓ Bus type QPI Intel® Clear Video HD Technology ✓ Stepping D1 Intel Clear Video Technology ✓ Thermal Design Power (TDP) 15 W Intel® InTru™ 3D Technology ✓ Configurable TDP-down 7.5 W Intel® Quick Sync Video Technology ✓ Configurable TDP-down frequency 20.8 GHz	<u>*</u>	6th gen Intel® Core™ i3	WiDi)	•
Processor cores 2 Intel® Smart Response Technology ✓ Processor threads 4 Intel® Identity Protection ✓ Processor frequency * 2.3 GHz Intel® Hyper Threading Technology ✓ System bus rate 4 GT/s Intel® Hyper Threading Technology ✓ Processor cache 3 MB (Intel® HT Technology) ✓ Processor cache type Smart Cache Intel® Turbo Boost Technology X Processor socket BGA 1356 Intel® Small Business Advantage ✓ Processor lithography 14 nm (Intel® SBA) ✓ Processor operating modes 64-bit Enhanced Intel SpeedStep ✓ Processor series Intel Core i3-6100 series Technology ✓ Processor codename Skylake Intel® Clear Video HD Technology ✓ Bus type QPI Intel Clear Video Technology ✓ Stepping D1 Intel® InTru ™ 3D Technology ✓ Thermal Design Power (TDP) 15 W Intel® Insider™ ✓ Configurable TDP-down 7.5 W Intel® Quick Sync Video Technology ✓ Configur		•		✓
Processor threads Processor frequency* 2.3 GHz Intel® Identity Protection Technology (Intel® IPT) System bus rate 4 GT/s Intel® Hyper Threading Technology Processor cache 3 MB (Intel® Hyper Threading Technology) Processor cache type Processor cache type Smart Cache Intel® Turbo Boost Technology Processor socket BGA 1356 Intel® Small Business Advantage Processor operating modes Processor operating modes Frocessor operating modes Frocessor operating modes Intel Core i3-6100 series Processor codename Skylake Intel® Clear Video HD Technology (Intel® CVT HD) Stepping D1 Intel Clear Video Technology Processor operating Power (TDP) Intel Clear Video Technology Processor codename Intel® Intru™ 3D Technology Processor codename Processor codename Intel® Intru™ 3D Technology Processor codename Intel® Intru™ 3D Technology Processor codename Intel® Intru™ 3D Technology Processor codename Processor c	Processor cores	2	,	
System bus rate 4 GT/s Intel® Hyper Threading Technology (Intel® HPT) Processor cache 3 MB Intel® Hyper Threading Technology (Intel® HTTechnology) Processor cache type Smart Cache BGA 1356 Intel® Small Business Advantage Processor operating modes 64-bit Enhanced Intel® Spadl Processor operating modes Frocessor series Intel Core i3-6100 series Intel® Clear Video HD Technology (Intel® CVT HD) Stepping Pol Intel Clear Video Technology From Intel® InTru™ 3D Technology Configurable TDP-down 7.5 W Intel® Insider™ ✓ Configurable TDP-down frequency Junction 100 °C Intel Remory Access Intel® Smart Cache Intel® Clear Video HD Technology Intel® Clear Video Technology Intel® Insider™ ✓ Intel® Insider™ ✓ Intel® Insider™ ✓ Intel® Intel® Insider™ ✓ Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Intel® Smart Cache Intel® AES New Instructions (Intel® AES-NI)	Processor threads	4	, , ,	•
System bus rate 4 GT/s	Processor frequency *	2.3 GHz		✓
Processor cache Processor cache type Smart Cache Processor socket Processor socket Processor lithography 14 nm (Intel® SBA) Processor operating modes Processor series Intel Core i3-6100 series Processor codename Bus type QPI Stepping Thermal Design Power (TDP) Configurable TDP-down FORD Configurable TDP-down frequency Tjunction Maximum number of PCI Express Intel Small Business Advantage (Intel® SBA) Final Business Advantage (Intel® Clear Video Hol Technology (Intel® Clear Video HD Technology (Intel® Clear Video HD Technology (Intel® Intru™ 3D Technology Final Busines Final Business Final Business Advantage (Intel® Clear Video Hol Technology Final Business Final Business Advantage Final Business Advantage (Intel® Clear Video Hol Technology Final Business Advantage Fina	System bus rate	4 GT/s	•	
Processor socket Processor lithography Processor operating modes Processor operating modes Processor series Intel © Small Business Advantage (Intel © SBA) Processor operating modes Frocessor operating modes Processor series Intel Core i3-6100 series Processor codename Skylake Intel © Clear Video HD Technology (Intel © CVT HD) Intel Clear Video Technology Y Stepping Thermal Design Power (TDP) 15 W Configurable TDP-down 7.5 W Intel ® Insider™ ✓ Configurable TDP-down frequency 0.8 GHz Intel ® Quick Sync Video Technology ✓ Tjunction Intel ® Quick Sync Video Technology ✓ Intel ® Quick Sync Video Technology ✓ Intel ® Smart Cache Intel ® Smart Cache Intel ® Smart Cache Intel ® Smart Cache ✓ PCI Express slots version 3.0 PCI Express configurations 1x4, 4x1	Processor cache	3 MB		7
Processor lithography 14 nm (Intel® SBA) Processor operating modes 64-bit Enhanced Intel SpeedStep Processor series Intel Core i3-6100 series Technology Processor codename Skylake Intel® Clear Video HD Technology Bus type QPI Stepping D1 Intel® Intru™ 3D Technology ✓ Configurable TDP-down 7.5 W Intel® Insider™ ✓ Configurable TDP-down frequency 0.8 GHz Intel® Quick Sync Video Technology ✓ Tjunction 100 °C Intel Flex Memory Access ✓ Maximum number of PCI Express lanes PCI Express slots version 3.0 Intel® AES New Instructions (Intel® Intel® I	Processor cache type		Intel® Turbo Boost Technology	×
Processor lithography Processor operating modes Processor operating modes Processor series Processor series Processor codename Processor codename Processor codename Processor codename Skylake Processor codename Skylake QPI Intel ® Clear Video HD Technology (Intel ® CVT HD) Intel Clear Video Technology Processor codename Intel Clear Video Technology Intel ® InTru™ 3D Technology Configurable TDP-down Processor codename Processor codename Processor codename Skylake Processor codename Processor codename Skylake Intel ® Clear Video HD Technology Intel ® CVT HD) Intel ® InTru™ 3D Technology Intel ® Insider™ Intel ® Insider™ Intel ® Quick Sync Video Technology Intel ® Quick Sync Video Technology Intel ® Quick Sync Video Technology Intel ® SMATH Cache Intel ® SMATH Cache Intel ® AES New Instructions (Intel ® AES New Instructions (Inte				
Processor series Processor codename Skylake QPI Intel® CVT HD) Stepping Thermal Design Power (TDP) Thermal Design Power (TDP) Configurable TDP-down Configurable TDP-down frequency Tjunction 100 °C Intel® Quick Sync Video Technology Intel® Insider™ ✓ Intel® Quick Sync Video Technology Intel® Insider™ ✓ Intel® Quick Sync Video Technology Intel® Smart Cache Intel® Smart Cache Intel® AES New Instructions (Intel® AES-NI)	Processor lithography		,	•
Processor codename Skylake QPI Stepping D1 Thermal Design Power (TDP) Thermal Design Power (TDP) Thermal Design Power (TDP) Stepping Tonfigurable TDP-down Tonfigurable TDP-dow	, ,	- · · · · · ·		✓
Bus type QPI Intel® CVT HD) Stepping D1 Intel Clear Video Technology ✓ Configurable TDP-down 7.5 W Intel® Insider™ ✓ Configurable TDP-down frequency 0.8 GHz Intel® Quick Sync Video Technology ✓ Tjunction 100 °C Intel® CVT HD) Intel® InTru™ 3D Technology ✓ Intel® Insider™ ✓ Intel® Quick Sync Video Technology ✓ Intel® Quick Sync Video Technology ✓ Intel® Smart Cache Intel® Smart Cache Intel® AES New Instructions (Intel®			•	
Stepping D1 Intel Clear Video Technology Thermal Design Power (TDP) 15 W Intel® InTru™ 3D Technology Configurable TDP-down 7.5 W Intel® Insider™ Configurable TDP-down frequency 0.8 GHz Tjunction 100 °C Intel® Quick Sync Video Technology ✓ Maximum number of PCI Express lanes PCI Express slots version 3.0 Intel® AES New Instructions (Intel® AES-NI) Intel® AES-NI)		•		✓
Thermal Design Power (TDP) 15 W Intel® InTru™ 3D Technology Configurable TDP-down 7.5 W Intel® Insider™ Configurable TDP-down frequency 0.8 GHz Intel® Quick Sync Video Technology Tjunction 100 °C Intel Flex Memory Access Maximum number of PCI Express lanes PCI Express slots version PCI Express configurations 1x4, 4x1		·	Intel Clear Video Technology	✓
Configurable TDP-down 7.5 W Intel® Insider™ ✓ Configurable TDP-down frequency 0.8 GHz Intel® Quick Sync Video Technology ✓ Tjunction 100 °C Intel Flex Memory Access Maximum number of PCI Express lanes PCI Express slots version PCI Express configurations 1x4, 4x1 Intel® AES New Instructions (Intel® AES-NI)	5		Intel® InTru™ 3D Technology	✓
Configurable TDP-down frequency O.8 GHz Intel® Quick Sync Video Technology Tjunction 100 °C Intel Flex Memory Access Maximum number of PCI Express lanes PCI Express slots version PCI Express configurations 1x4, 4x1 Intel® AES New Instructions (Intel® AES-NI)	• • •			/
Tjunction 100 °C Intel Flex Memory Access Maximum number of PCI Express 12 Intel® Smart Cache PCI Express slots version 3.0 Intel® AES New Instructions (Intel® AES-NI) PCI Express configurations 1x4, 4x1	•			•
Maximum number of PCI Express lanes 12	, ,		,	•
Intel® Smart Cache PCI Express slots version PCI Express configurations 12 Intel® AES New Instructions (Intel® AES-NI)	,		·	•
PCI Express soits version 3.0 AES-NI) PCI Express configurations 1x4, 4x1	•	12		/
PCI Express configurations 1x4, 4x1	PCI Express slots version	3.0		✓
	PCI Express configurations	1x4, 4x1	•	x

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

Ports & interfaces

Docking connector

×

Catalog Object Cloud



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