

## Lenovo IdeaPad 300-ISK Intel® Core™ i7 i7-6500U Computer portatile 43,9 cm (17.3") HD+ 8 GB DDR3L-SDRAM 1 TB HDD AMD Radeon R5 M330 Windows 10 Home Nero

Marchio : Lenovo Famiglia del prodotto: Codice prodotto: 80QH006EIX

IdeaPad

Nome del prodotto: 300-ISK

17.3 HD+ ( $1600 \times 900$ ) LED, Intel Core i7-6500U (3M Cache, up to 2.80 GHz), AMD Radeon R5 M330 2GB, 8GB DDR3L, 1TB HDD, DVD Super Multi, WLAN 802.11ac, Bluetooth 4.0, Gigabit Ethernet, Windows 10 Home 64-bit

Lenovo IdeaPad 300-ISK. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-6500U, Frequenza del processore: 2,5 GHz. Dimensioni diagonale schermo: 43,9 cm (17.3"), Tipologia HD: HD+, Risoluzione del display: 1600 x 900 Pixel. RAM installata: 8 GB, Tipo di RAM: DDR3L-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: HDD, Tipo drive ottico: DVD Super Multi. Sistema operativo incluso: Windows 10 Home. Colore del prodotto: Nero





Design         Keyboard           Product type *         Laptop         Pointing device         Touchpad           Product colour *         Black         Numeric keypad *         ✓           Form factor *         Clamshell         Island-style keyboard         ✓           Housing material         Acrylonitrile butadiene styrene         Full-size keyboard         ✓           Housing material         Acrylonitrile butadiene styrene         Full-size keyboard         ✓           Postagy         Windows keys         ✓           Display diagonal *         43.9 cm (17.3")         Software           Display resolution *         1600 x 900 pixels         Operating system installed *         Windows 10 Home           Touchscreen *         N         Processor special features*           HO type         HD +         Processor special features*           Panel type         TN         Intel® Wireless Display (Intel® Wireless				
Product colour*         Black Clamshell Acrylonitrile butadiene styrene (ABS)         Numeric keypad *         *           Housing material         Acrylonitrile butadiene styrene (ABS)         Full-size keyboard         *           Display         Vindows keys         *           Display diagonal *         43.9 cm (17.3")         Software         *           Display resolution *         1600 x 900 pixels         Operating system architecture         64-bit           Display resolution *         1600 x 900 pixels         Operating system installed *         Windows 10 Home           HD type         HD +         Processor special features           Panel type         TN         Intel® Wireless Display (Intel®         *           LED backlight         Y         WiDi)         *           Native aspect ratio         16:9         Intel® Wireless Display (Intel®         *           Processor manufacturer *         Intel® Core* i7         Technology (Intel® IPT)         *           Processor generation         6th gen Intel® Core* i7         Technology (Intel® IPT)         *           Processor model *         '7-6500U         Intel® Turbo Boost Technology         *           Processor frequency *         2.5 GHz         Enhanced Intel Speadstep         *           Processor frequency	Design		Keyboard	
Form factor * Clamshell Island-style keyboard	Product type *	Laptop	Pointing device	Touchpad
Housing material Recylonitrile butadiene styrene (ABS)    Display   Windows keys   Windows keys			Numeric keypad *	✓
Notising material   ABS   Full-Size keyboard   Full-Size herboard   Fu	Form factor *		Island-style keyboard	✓
Display diagonal * 43.9 cm (17.3*) 50ftware  Display resolution * 1600 x 900 pixels	Housing material	,	•	✓
Display resolution * 1600 x 900 pixels	Display		Windows keys	✓
Touchscreen*  HD type  HD+  Processor special features  Fanel type  LED backlight  Frocessor  Intel® Wireless Display (Intel®  WMWT)  Frocessor  Intel® Smart Response Technology  Frocessor generation  Intel® Core™ i7  Frocessor generation  Intel® Core™ i7  Intel® Hype Threading Technology  Frocessor manufacturer*  Intel® thy entry intel® thy entry intel® the search of the generation of t	Display diagonal *	43.9 cm (17.3")	Software	
HDL type	Display resolution *	1600 x 900 pixels	Operating system architecture	64-bit
Panel type  TN  Intel® Wireless Display (Intel®  WiDi)  Native aspect ratio  16:9  Intel® My WiFi Technology (Intel®  WMT)  Processor  Intel® Smart Response Technology  Processor manufacturer *  Intel® Core™ i7  Intel® Identity Protection Technology (Intel® IPT)  Processor generation  6th gen Intel® Core™ i7  Intel® Hyper Threading Technology Processor cores  2  Intel® HT Technology  Intel® HT Technology  Intel® HT Technology  Processor threads  4  Intel® Small Business Advantage (Intel® SBA)  Processor frequency  3.1 GHz  Processor frequency  3.1 GHz  Processor frequency *  2.5 GHz  Processor frequency *  Processor cache  4 MB  Intel® Clear Video HD Technology  Processor cache  4 MB  Intel® Clear Video Technology  Processor socket  LGA 1356 (Socket B2)  Intel® Clear Video Technology  Processor operating modes  64-bit  Intel® Intel® Intru™ 3D Technology  Processor series  Intel Core i7-6500 Mobile series  Processor codename  Skylake  Intel® Memory Access  ✓  Intel® AES New Instructions (Intel®  AES-NI)	Touchscreen *	×	Operating system installed *	Windows 10 Home
LED backlight  Native aspect ratio  16:9  Processor  Intel® My WiFi Technology (Intel® MWT)  Intel® Smart Response Technology  Processor manufacturer*  Intel® Core™ i7  Processor family*  Intel® Core™ i7  Processor generation  6th gen Intel® Core™ i7  Processor ores  2  Intel® Hyper Threading Technology  (Intel® HT Technology)  Intel® Trechnology  Intel® Trechnology  Intel® SBA)  Processor threads  4  Intel® Turbo Boost Technology  Intel® SBA)  Processor fequency  3.1 GHz  Enhanced Intel SpeedStep  Technology  Processor cache  4 MB  Intel® Clear Video HD Technology  Processor cache type  Smart Cache  Intel® Clear Video Technology  Processor operating modes  64-bit  Processor series  Intel Core i7-6500 Mobile series  Processor series  Intel Core i7-6500 Mobile series  Processor series  Intel Core i7-6500 Mobile series  Intel® Instructions (Intel®  Processor Video Technology  Processor series  Intel Flex Memory Access  AES-NI)	HD type	HD+	Processor special features	
Native aspect ratio  16:9  Processor  Intel® My WiFi Technology (Intel® y WiFi Technology (Intel® my WiFi Technology y Processor manufacturer * Intel Processor family * Intel® Core™ i7 Technology (Intel® IPT) Processor generation 6th gen Intel® Core™ i7 Technology (Intel® IPT) Processor model * i7-6500U Processor cores 2 Intel® Turbo Boost Technology Processor threads 4 Intel® Small Business Advantage (Intel® SBA) Processor boost frequency 3.1 GHz Processor frequency * 2.5 GHz Processor cache Processor cache 4 MB Intel® Clear Video HD Technology Processor cache type Processor socket LGA 1356 (Socket B2) Processor lithography Processor lithography Processor series Intel Core i7-6500 Mobile series Processor codename Skylake Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Processor codename Skylake Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Processor codename Intel® Quick Sync Video Technology Processor codename Skylake Intel® Quick Sync Video Technology Intel® AES New Instructions (Intel® AES New Instruction	**			
Processor manufacturer * Intel Inte	· ·	16:9		
Processor family * Intel® Core™ i7 Technology (Intel® IPT)  Processor generation 6th gen Intel® Core™ i7 Intel® Hyper Threading Technology Processor model * i7-6500U Intel® HT Technology Processor cores 2 Intel® Turbo Boost Technology Processor threads 4 Intel® Small Business Advantage (Intel® SBA) Processor boost frequency 3.1 GHz Processor frequency * 2.5 GHz Processor frequency * 2.5 GHz System bus rate 4 GT/s Processor cache 4 MB (Intel® Core™ i0 Intel® Clear Video HD Technology Processor cache type Smart Cache Intel Clear Video Technology Processor socket LGA 1356 (Socket B2) Intel® InTru™ 3D Technology Processor ilthography 14 nm Intel® Insider™ ✓ Processor operating modes 64-bit Intel® Quick Sync Video Technology Processor codename Skylake Intel® AES New Instructions (Intel® AES-NI)  Stepping D1	Processor		Intel® Smart Response Technology	<b>✓</b>
Processor family * Intel® Core ™ i7 Technology (Intel® IPT)  Processor generation 6th gen Intel® Core ™ i7 Intel® Hyper Threading Technology (Intel® HT Technology)  Processor model * i7-6500U Intel® HT Technology (Intel® HT Technology)  Processor cores 2 Intel® Small Business Advantage (Intel® SBA)  Processor boost frequency 3.1 GHz  Processor frequency * 2.5 GHz  System bus rate 4 GT/s Intel® Clear Video HD Technology  Processor cache 4 MB (Intel® CVT HD)  Processor socket LGA 1356 (Socket B2) Intel® Clear Video Technology ✓  Processor operating modes 64-bit Intel® One intel® Core i7-6500 Mobile series  Processor codename Skylake  Bus type OPI  Stepping D1  Intel® AES New Instructions (Intel® ✓  Intel® Core in intel® AES New Instructions (Intel® AES New In	Processor manufacturer *	Intel	Intel® Identity Protection	,
Processor model * i7-6500U (Intel® HTTechnology)  Processor cores  2 Intel® Turbo Boost Technology 2.0  Processor threads 4 Intel® Small Business Advantage (Intel® SBA)  Processor boost frequency 3.1 GHz  Enhanced Intel SpeedStep Technology  System bus rate 4 GT/s  Intel® Clear Video HD Technology  Processor cache 4 MB (Intel® CVT HD)  Processor socket LGA 1356 (Socket B2) Intel® InTru™ 3D Technology  Processor operating modes 64-bit Processor series Intel Core i7-6500 Mobile series  Processor codename Skylake  Bus type Stepping D1  (Intel® AES New Instructions (Intel® VAS New Instruction	Processor family *	Intel® Core™ i7	Technology (Intel® IPT)	•
Processor cores  2  Processor threads 4  Processor boost frequency 3.1 GHz  Processor frequency *  2.5 GHz  System bus rate Processor cache Processor socket  Intel® Clear Video HD Technology Intel® Clear Video Technology Processor socket  Intel® InTru™ 3D Technology Processor lithography Processor operating modes Processor operating modes Processor series Processor codename  Skylake  Bus type  OPI  Stepping  Intel® AES New Instructions (Intel®  AES-NI)	Processor generation	6th gen Intel® Core™ i7		<b>✓</b>
Processor threads Processor threads Processor boost frequency Processor frequency Processor frequency Processor frequency Processor frequency Processor frequency System bus rate Processor cache Processor lithography Processor lithography Processor operating modes Processor series Processor codename Processor codename Processor codename Processor codename Processor operating Processor codename Processor codename Processor codename Processor operating Processor codename Processor cod	Processor model *	i7-6500U	•	2.0
Processor boost frequency Processor boost frequency Processor frequency Processor frequency Processor frequency System bus rate Processor cache Processor cache Processor cache Processor cache Processor cache Processor socket Processor socket Processor lithography Processor operating modes Processor cache Processor cache Processor cache Processor cache Processor lithography Processor operating modes Processor cache Processor cache Processor cache Processor operating modes Processor cache Processor cache Processor cache Processor operating modes Processor cache Processor cache Processor cache Processor cache Processor operating modes Processor cache Processor cache Processor operating modes Processor operating modes Processor cache Processor operating modes P	Processor cores	2	3,	2.0
Processor boost frequency  Processor frequency *  2.5 GHz  Technology  System bus rate  4 GT/s  Intel® Clear Video HD Technology  Processor cache  4 MB  (Intel® CVT HD)  Processor cache type  Smart Cache  Intel Clear Video Technology  Processor socket  LGA 1356 (Socket B2)  Intel® InTru™ 3D Technology  Processor ilthography  Processor operating modes  64-bit  Processor series  Intel Core i7-6500 Mobile series  Processor codename  Skylake  Bus type  OPI  Stepping  Shart  AES-NI)  Enhanced Intel SpeedStep  Technology  Intel® Clear Video HD Technology  Intel® Clear Video Technology  Intel® Unitel® Insider™  Intel® Quick Sync Video Technology  Intel® Quick Sync Video Technology  AES-NI)		·	3	✓
System bus rate  4 GT/s  Intel® Clear Video HD Technology  Processor cache  4 MB  (Intel® CVT HD)  Processor socket type  Processor socket  LGA 1356 (Socket B2)  Intel® InTru™ 3D Technology  Processor operating modes  64-bit  Processor series  Processor codename  Skylake  Bus type  OPI  Stepping  Technology  Intel® Clear Video HD Technology  Intel® Clear Video Technology  Intel® InTru™ 3D Technology  Intel® Quick Sync Video Technology  Intel® RES New Instructions (Intel® AES New Instructions (Intel® AES-NI)			,	
Processor cache  4 MB  (Intel® CVT HD)  Processor cache type  Smart Cache  Intel Clear Video Technology  Processor socket  LGA 1356 (Socket B2)  Intel® InTru™ 3D Technology  Processor lithography  Processor operating modes  64-bit  Intel® Insider™  Intel® Quick Sync Video Technology  Processor series  Processor codename  Skylake  Bus type  OPI  Stepping  AES-NI)	' '		Technology	•
Processor cache type Smart Cache Intel Clear Video Technology ✓ Processor socket LGA 1356 (Socket B2) Intel® InTru™ 3D Technology ✓ Processor lithography 14 nm Intel® Insider™ ✓ Processor operating modes 64-bit Intel® Quick Sync Video Technology ✓ Processor series Intel Core i7-6500 Mobile series Processor codename Skylake Intel® AES New Instructions (Intel® AES New Instructions (Intel® AES-NI)	•	·	3,	1
Processor socket  LGA 1356 (Socket B2)  Intel® InTru™ 3D Technology  Processor lithography  14 nm  Intel® Insider™  Processor operating modes  64-bit  Intel® Quick Sync Video Technology  Intel® Quick Sync Video Technology  Intel® Quick Sync Video Technology  Intel Flex Memory Access  Processor codename  Skylake  Bus type  OPI  Intel® AES New Instructions (Intel® AES-NI)		=	,	
Processor lithography 14 nm Intel® Insider™ ✓ Processor operating modes 64-bit Intel® Quick Sync Video Technology ✓ Processor series Intel Core i7-6500 Mobile series Processor codename Skylake Intel® Quick Sync Video Technology ✓ Intel Flex Memory Access ✓ Intel® AES New Instructions (Intel® AES-NI)	• •		3,	1
Processor operating modes Processor series Processor codename Bus type OPI Stepping D1  Separating modes 64-bit Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Intel® AES New Instructions (Intel® AES-NI)			Intel® InTru™ 3D Technology	<b>✓</b>
Processor series Intel Core i7-6500 Mobile series Processor codename Skylake Intel Flex Memory Access  Bus type OPI Intel® AES New Instructions (Intel® AES-NI)  Stepping D1	3 , ,		Intel® Insider™	✓
Processor codename  Bus type  OPI  Stepping  D1  Intel Flex Memory Access  Intel ® AES New Instructions (Intel ® AES-NI)	·		Intel® Quick Sync Video Technology	<b>√</b>
Bus type OPI Intel® AES New Instructions (Intel® AES-NI)  Stepping D1			Intel Flex Memory Access	✓
Stepping D1	Bus type	OPI	· · · · · · · · · · · · · · · · · · ·	<b>✓</b>
intel Husted Execution recliniology	Stepping	D1	Intel Trusted Execution Technology	×

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Configurable TDP-up frequency	2.6 GHz	Intel VT-x with Extended Page	<b>✓</b>
Configurable TDP-up	25 W	Tables (EPT)	
Configurable TDP-down	7.5 W	Intel® Secure Key	<b>✓</b>
Configurable TDP-down frequency	0.8 GHz	Intel TSX-NI	×
Tjunction  Mayimum number of BCL Fynross	100 °C	Intel Stable Image Platform Program	×
Maximum number of PCI Express lanes	12	(SIPP)	,
PCI Express slots version	3.0	Intel® OS Guard	<b>/</b>
PCI Express configurations	1x4, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	×	Intel® Clear Video Technology for	
Memory		Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory *	8 GB	Intel 64	<b>✓</b>
Internal memory type	DDR3L-SDRAM	Execute Disable Bit	<b>✓</b>
Memory clock speed	1600 MHz	Idle States	/
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	· ·
Storage		3 3	
Total storage capacity *	1 TB	Processor package size Supported instruction sets	42 X 24 mm SSE4.1, SSE4.2, AVX 2.0
Storage media *	HDD	Processor code	SR2EZ
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	1 TB	Embedded options available	X
HDD interface	SATA III	Graphics & IMC lithography	14 nm
HDD size	2.5"	Intel Virtualization Technology for	
Optical drive type *	DVD Super Multi	Directed I/O (VT-d)	<b>✓</b>
Card reader integrated	·	Intel Identity Protection Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Smart Response Technology	1.00
Graphics		version Intel Stable Image Platform Program	
Discrete graphics card model *	AMD Radeon R5 M330	(SIPP) version	0.00
On-board graphics card *	•	Intel Secure Key Technology version	1.00
Discrete graphics card *	<b>✓</b>	Intel Small Business Advantage	1.00
On-board graphics card family	Intel® HD Graphics	(SBA) version	
On-board graphics card model *	Intel® HD Graphics 520	Intel TSX-NI version	1.00
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	<b>✓</b>
On-board graphics card dynamic	1050 MHz	Processor ARK ID	88194
frequency (max)  Maximum on-board graphics card	1.74 GB	Conflict-Free processor	✓
memory	1.74 GB	Battery	
On-board graphics card DirectX version	12.0	Number of battery cells	41 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
On-board graphics card OpenGL	4.4	Battery capacity *	41 Wh
version	4.4	Battery life (max)	4 h
On-board graphics card ID	1916	Power	
Audio		AC adapter frequency	50 - 60 Hz
Number of built-in speakers	2	AC adapter input voltage	100 - 240 V
Built-in microphone	/	DC-in jack	✓
Camera		Security	
		Password protection	<b>✓</b>
Front camera	<b>√</b>	Certificates	
Front camera resolution (numeric) Front camera resolution	1 MP 1280 x 720 pixels		D. H.C.
	1500 V 150 hiveis	Compliance certificates	RoHS
Network		Weight & dimensions	
Wi-Fi	✓	Width	418 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	292.6 mm
Ethernet LAN	002.11g, WI-FI 4 (002.11II)  ✓	Height	25.1 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	3 kg
Bluetooth	10,100,1000 MDIL/S	Packaging content	
Bluetooth version	4.0	AC adapter included *	✓
הומפנטטנוז עפוטוטוו	4.0		

Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Power cord included	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	Maximum internal memory (64-bit)	16 GB
DVI port	×		
/GA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓		
Docking connector	×		





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