![Lenovo]

Lenovo IdeaPad 300S-14ISK Intel® Core™ i5 i5-6200U Laptop 35.6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 920M Windows 10 Home Black, Silver

Brand : Lenovo   **Product family:** IdeaPad   **Product code:** 80Q40004CD

Product name : 300S-14ISK

Intel Core i5-6200U Processor (3M Cache, up to 2.80 GHz), 4GB RAM, 500GB HDD, 14" HD (1366x768), Intel HD Graphics 520 + NVIDIA Geforce 920M, Windows 10 Home 64
Lenovo IdeaPad 300S-14ISK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6200U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product colour: Black, Silver

Design	
Product type *	Laptop
Product colour *	Black, Silver
Form factor *	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Plastic, Polycarbonate (PC)

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Display brightness	200 cd/m²
Contrast ratio (typical)	400:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	6th gen Intel® Core™ i5
Processor model *	i5-6200U
Processor cores	2
Processor threads	4
Processor boost frequency	2.8 GHz
Processor frequency *	2.3 GHz
System bus rate	4 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	LGA 1356 (Socket B2)

Performance	
Motherboard chipset	Intel SoC

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗
Windows keys	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Built-in Visuals Technology	✔
Intel HD Graphics	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔

Processor

Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-6200 series
Processor codename	Skylake
Bus type	QPI
Stepping	D1
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2.4 GHz
Configurable TDP-up	25 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
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory slots	1x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA III
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® 920M
Discrete graphics card memory	2 GB
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	1.74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916
Number of discrete graphics cards installed	1
Graphics card Open GL support	✔

Audio

Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✔

Processor special features

Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 X 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2EY
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	88193
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Cable lock slot	✔
Password protection	✔
Password protection type	HDD, Power on, Supervisor

Operational conditions

Operating temperature (T-T)	5 - 35 °C

Camera

Front camera	✔

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.1

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✘
Mini DisplayPort/Thunderbolt combo port	✘
LAN/VGA combo port	✘
Headphone outputs	1
Microphone in	✔
Combo headphone/mic port	✔
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Operational conditions

Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	0 - 2438 m

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	340 mm
Depth	240 mm
Height	19.5 mm

Packaging content

Mouse included	✘
AC adapter included *	✔
Remote control included	✘
Manual	✔
Power cord included	✔

Other features

LightScribe	✘
3D	✘

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