



Lenovo IdeaCentre 300 Intel® Core™ i3 i3-6100 8 GB DDR4-SDRAM 1 TB Windows 10 Home Mini Tower PC

Brand : Lenovo

Product family: IdeaCentre

Product code: 90DA00C2NY

Product name : 300



Processor		Design	
Processor manufacturer *	Intel	Product colour *	Black
Processor family *	Intel® Core™ i3	Performance	
Processor generation	6th gen Intel® Core™ i3	Motherboard chipset	Intel® H110
Processor model *	i3-6100	Compatible processor series	Intel® Celeron®, Intel® Pentium®
Processor cores	2	Audio chip	Realtek ALC662
Processor threads	4	Password protection	✓
Processor frequency *	3.7 GHz	Password protection type	Power on, Supervisor
Processor socket	LGA 1151 (Socket H4)	Product type *	PC
Processor cache	3 MB	Software	
Processor cache type	L3	Operating system installed *	Windows 10 Home
System bus rate	8 GT/s	Operating system architecture	64-bit
Bus type	DMI3	Processor special features	
FSB Parity	✗	Intel® Small Business Advantage (Intel® SBA)	✓
Processor lithography	14 nm	Intel® Wireless Display (Intel® WiDi)	✓
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i3-6100 series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Skylake	Embedded options available	✓
Thermal Design Power (TDP)	51 W	Intel® InTru™ 3D Technology	✓
Tcase	65 °C	Intel® Insider™	✓
PCI Express slots version	3.0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Maximum number of PCI Express lanes	16	Intel Clear Video Technology	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8		
Number of processors installed	1		
Stepping	S0		
Maximum internal memory supported by processor	64 GB		

Processor		Processor special features	
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Intel TSX-NI	✗
Memory bandwidth supported by processor (max)	34.1 GB/s	Idle States	✓
ECC supported by processor	✓	Thermal Monitoring Technologies	✓
Memory voltage supported by processor	1.35 V	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	8 GB	Intel® Secure Key	✓
Maximum internal memory *	16 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✗
Memory slots	2x DIMM	Execute Disable Bit	✓
Memory clock speed	2133 MHz	Intel FDI Technology	✗
Memory channels	Dual-channel	Intel Flex Memory Access	✗
Storage		Intel Fast Memory Access	✗
Total storage capacity *	1 TB	Intel® Smart Cache	✓
Storage media *	HDD	Intel Enhanced Halt State	✓
Optical drive type *	DVD±RW	Intel Demand Based Switching	✗
Number of storage drives installed	1	Intel Software Guard Extensions (Intel SGX)	✓
Number of HDDs installed	1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
HDD capacity	1 TB	Processor package size	37.5 x 37.5 mm
HDD interface	SATA III	Supported instruction sets	SSE4.1, SSE4.2
HDD speed	7200 RPM	Processor code	SR2HG
HDD size	3.5"	Scalability	1S
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, MMC+, MS PRO, Memory Stick (MS), SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Thermal solution specification	PCG 2015C
On-board graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Identity Protection 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 530	Intel Secure Key Technology version	1.00
On-board graphics card base frequency	350 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Intel Small Business Advantage (SBA) version	1.00
Maximum on-board graphics card memory	1.7 GB	Intel TSX-NI version	0.00
Number of displays supported (on-board graphics)	3	Intel Dual Display Capable Technology	✗
On-board graphics card DirectX version	12.0	Intel Rapid Storage Technology	✗
On-board graphics card OpenGL version	4.4	Processor ARK ID	90729
On-board graphics card ID	0x1912	Intel® Turbo Boost Technology	✗
Network		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Ethernet LAN *	✓	Intel® Quick Sync Video Technology	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel® My WiFi Technology (Intel® MWT)	✗
Cabling technology	10/100/1000Base-T(X)	Intel® Identity Protection Technology (Intel® IPT)	✓
Wi-Fi *	✓	Intel® Anti-Theft Technology (Intel® AT)	✗
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Conflict-Free processor	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Power	
Bluetooth	✓	Power supply input voltage	100 - 240 V
Bluetooth version	4.0	Power supply input frequency	50 - 60 Hz
Ports & interfaces			
USB 2.0 ports quantity *	2		

Ports & interfaces		Certificates	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Compliance certificates	RoHS
VGA (D-Sub) ports quantity	1	Sustainability	
DVI port	✗	Sustainability certificates	ENERGY STAR
HDMI ports quantity *	1	Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width *	160 mm
Microphone in	✓	Depth *	410 mm
Headphone outputs	1	Height *	355 mm
Line-out	✓	Weight *	7.1 kg
Line-in	✓	Packaging content	
Expansion slots		Cables included	AC
PCI Express x1 (Gen 2.x) slots	2	Manual	✓
PCI Express x16 (Gen 3.x) slots	1	AC adapter included	✓
Design		Display	
Chassis type *	Mini Tower	Display included *	✗
Placement supported	Vertical	Other features	
Number of 3.5" bays	2	Optical drives quantity	1
Number of 5.25" bays	1		
Cable lock slot	✓		
Cable lock slot type	Kensington		



0190576220329



190576220329

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 16-MAY-2025. Prints or copies of Information are only valid on the printed Publication date