



Lenovo IdeaPad 100 Intel® Core™ i5 i5-5200U Laptop 39,6 cm (15.6") HD 4 GB DDR3L-SDRAM 1 TB HDD Windows 10 Home Black

Brand : Lenovo

Product family: IdeaPad

Product code: 80QQ0JGUS

Product name : 100

Intel Core i5-5200U Processor (3M Cache, up to 2.70 GHz), 4GB RAM, 1000GB HDD, 39.624 cm (15.6 ") HD (1366x768), Intel HD Graphics 5500, Windows 10 Home 64
Lenovo IdeaPad 100. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-5200U, Processor frequency: 2,2 GHz. Display diagonal: 39,6 cm (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, Optical drive type: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	CardBus PCMCIA slot type	✗
Product colour *	Black	SmartCard slot	✗
Form factor *	Clamshell	Performance	
Housing material	Acrylonitrile butadiene styrene (ABS), Plastic	Motherboard chipset	Intel SoC
Display		Keyboard	
Display diagonal *	39,6 cm (15.6")	Pointing device	Touchpad
Display resolution *	1366 x 768 pixels	Numeric keypad *	✓
Touchscreen *	✗	Windows keys	✓
HD type	HD	Software	
Panel type	TN	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 10 Home
Native aspect ratio	16:9	Processor special features	
Display surface	Gloss	Intel® Wireless Display (Intel® WiDi)	✓
Display brightness	200 cd/m²	Intel® My WiFi Technology (Intel® MWT)	✗
Dual-screen	✗	Intel® Anti-Theft Technology (Intel® AT)	✗
Contrast ratio (typical)	400:1	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	5th gen Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i5-5200U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Built-in Visuals Technology	✓
Processor threads	4	Intel HD Graphics	✓
Processor boost frequency	2,7 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,2 GHz	Intel Clear Video Technology	✓
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	3 MB	Intel® Insider™	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel® Core™ i5-5200 Mobile Series		
Processor codename	Broadwell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	F0		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-down	7,5 W	Intel® Smart Cache	✗
Configurable TDP-down frequency	0,6 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	105 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	12	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	4x1, 2x4	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel® OS Guard	✓
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Memory clock speed	1333 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	40 x 24 x 1.3 mm
Maximum internal memory *	8 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SR23Y
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	14 nm
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA III	Intel Identity Protection Technology version	1,00
HDD speed	5400 RPM	Intel Smart Response Technology version	1,00
HDD size	2.5"	Intel Secure Key Technology version	1,00
Optical drive type *	DVD±RW	Intel Small Business Advantage (SBA) version	1,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✓
On-board graphics card model *	Intel® HD Graphics 5500	Processor ARK ID	85212
On-board graphics card base frequency	300 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	900 MHz	Battery	
Maximum on-board graphics card memory	16 GB	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card DirectX version	11.2	Power	
On-board graphics card OpenGL version	4.3	AC adapter power	45 W
On-board graphics card ID	0x1616	DC-in jack	✓
Graphics card Open GL support	✓	Security	
Audio		Cable lock slot	✓
Audio system	HD	Password protection	✓
Number of built-in speakers	1	Password protection type	HDD, Power on, Supervisor
Speaker power	1,5 W	Certificates	
Built-in microphone	✓	Compliance certificates	RoHS
Camera		Sustainability	
Front camera	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Front camera resolution (numeric)	0,3 MP	Weight & dimensions	
Front camera resolution	1280 x 720 pixels	Width	378 mm
Network			
Wi-Fi	✓		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100 Mbit/s		

Network		Weight & dimensions	
Bluetooth	✓	Depth	265 mm
Bluetooth version	4.0	Height	22,6 mm
Ports & interfaces		Weight *	2,3 kg
USB 2.0 ports quantity *		Packaging content	
1		AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *		Manual	✓
1		Power cord included	✓
Ethernet LAN (RJ-45) ports		Other features	
1		LightScribe	✗
HDMI ports quantity *		Maximum internal memory (64-bit)	8 GB
1			
DVI port			
✗			
Headphone outputs			
1			
S/PDIF out port			
✗			
Microphone in			
✓			
Combo headphone/mic port			
✓			
ExpressCard slot			
✗			

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