



## Lenovo IdeaPad 100S Intel Atom® Z3735F Laptop 11.6" 2 GB DDR3L-SDRAM 32 GB Flash Windows 10 Home Black, Silver

**Brand :** Lenovo

**Product family:** IdeaPad

**Article code:** 80R200AVIH

**Product name :** 100S



Intel Atom Processor Z3735F (2M Cache, up to 1.83 GHz), 2GB RAM, 32GB eMMC, 11.6" HD (1366x768) TN, Intel HD Graphics, Windows 10 Home 64

Lenovo IdeaPad 100S. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Atom®, Processor model: Z3735F, Processor frequency: 1.33 GHz. Display diagonal: 11.6", Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 32 GB, Storage media: Flash. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 10 Home. Product color: Black, Silver. Weight: 2.2 lbs (1 kg)

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product color *	Black, Silver	Numeric keypad *	✗
Form factor *	Clamshell	Full-size keyboard	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Plastic, Polycarbonate (PC)	Windows keys	✓
Display		Software	
Display diagonal *	11.6"	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 10 Home
Touchscreen *	✗	Processor special features	
HD type	Not supported	Intel® Wireless Display (Intel® WiDi)	✗
Panel type	TN	Intel® My WiFi Technology (Intel® MWT)	✗
LED backlight	✓	Intel® Anti-Theft Technology (Intel® AT)	✗
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Display brightness	200 cd/m <sup>2</sup>	Intel® Turbo Boost Technology	✗
Dual-screen	✗	Enhanced Intel SpeedStep Technology	✗
Contrast ratio (typical)	400:1	Intel HD Graphics	✓
Processor		Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor manufacturer *	Intel	Intel Clear Video Technology	✗
Processor family *	Intel Atom®	Intel® InTru™ 3D Technology	✗
Processor model *	Z3735F	Intel® Insider™	✗
Processor cores	4	Intel® Quick Sync Video Technology	✗
Processor threads	4	Intel Flex Memory Access	✗
Processor boost frequency	1.83 GHz	Intel® Smart Cache	✗
Processor frequency *	1.33 GHz	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor cache	2 MB	Intel Trusted Execution Technology	✗
Processor cache type	L2	Intel Enhanced Halt State	✗
Processor socket	BGA 592	Intel VT-x with Extended Page Tables (EPT)	✗
Processor lithography	22 nm	Intel Demand Based Switching	✗
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Atom Z3700 Series		
Processor codename	Bay Trail		
FSB Parity	✗		
Stepping	C0		
Scenario Design Power (SDP)	2.2 W		
ECC supported by processor	✗		

<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	2 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Memory clock speed	1600 MHz	Execute Disable Bit	✗
Memory form factor	On-board	Thermal Monitoring Technologies	✗
<b>Storage</b>		Processor package size	17 x 17 mm
Total storage capacity *	32 GB	Processor code	SR1UB
Storage media *	Flash	CPU configuration (max)	1
Flash memory	32 GB	Embedded options available	✗
Optical drive type *	✗	Graphics & IMC lithography	22 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	MMC, SD	Intel Virtualization Technology (VT-x)	✓
<b>Graphics</b>		Intel Dual Display Capable Technology	✗
Discrete graphics card model *	Not available	Intel FDI Technology	✗
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
Discrete graphics card *	✗	Intel Fast Memory Access	✗
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	80274
On-board graphics card model *	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card base frequency	311 MHz	<b>Battery</b>	
On-board graphics card burst frequency	646 MHz	Battery technology	Lithium Polymer (LiPo)
<b>Audio</b>		Number of battery cells	4
Audio system	Dolby Home Theatre	Battery capacity *	23.2 Wh
Number of built-in speakers	2	Battery life (max)	8 h
Speaker power	1.5 W	<b>Power</b>	
Built-in microphone	✓	AC adapter power	20 W
<b>Camera</b>		DC-in jack	✓
Front camera	✓	<b>Security</b>	
Front camera resolution (numeric)	0.3 MP	Cable lock slot	✗
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Wi-Fi	✓	Width	11.5" (292 mm)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	7.95" (202 mm)
Ethernet LAN	✗	Height	0.689" (17.5 mm)
Bluetooth	✓	Weight *	2.2 lbs (1 kg)
Bluetooth version	4.0	<b>Packaging content</b>	
<b>Ports &amp; interfaces</b>		AC adapter included *	✓
USB 2.0 ports quantity *	2	Manual	✓
DVI port	✗	Quick start guide	✓
Micro HDMI ports quantity	1	Power cord included	✓
Headphone outputs	1	<b>Other features</b>	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✓		
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

## Catalog Object Cloud



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.