



Lenovo IdeaPad 100S Intel Atom® Z3735F Laptop 29.5 cm (11.6") 2 GB DDR3L-SDRAM 32 GB Flash Windows 10 Home Black, Silver

Brand : Lenovo

Product family: IdeaPad

Product 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: 29.5 cm (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: 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 *	29.5 cm (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/m²	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	✗		

Memory		Processor special features	
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	✗
Storage		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)	✓
Graphics		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	Battery	
On-board graphics card burst frequency	646 MHz	Battery technology	Lithium Polymer (LiPo)
Audio		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	Power	
Built-in microphone	✓	AC adapter power	20 W
Camera		DC-in jack	✓
Front camera	✓	Security	
Front camera resolution (numeric)	0.3 MP	Cable lock slot	✗
Network		Weight & dimensions	
Wi-Fi	✓	Width	292 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	202 mm
Ethernet LAN	✗	Height	17.5 mm
Bluetooth	✓	Weight *	1 kg
Bluetooth version	4.0	Packaging content	
Ports & interfaces		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	Other features	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✓		
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

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