



Lenovo IdeaPad Z500 Intel® Core™ i3 i3-2348M Laptop 39.6 cm (15.6") HD 8 GB DDR3-SDRAM 1 TB HDD Windows 8 Brown, Silver

Brand : Lenovo

Product family: IdeaPad

Product code: MBYM5GE

Product name : Z500

Intel Core i3-2348M (2.3 GHz), 8GB DDR3 RAM, 1TB SATA HDD, 15.6" (1366x768), Intel HD Graphics 3000, Fast Ethernet, WLAN 802.11b/g/n, Bluetooth 4.0, DVD±RW, CR, Windows 8 64-bit

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PREMIUM PERFORMANCE, SLIMMER STYLE.

Carrying your entertainment hub with you has never been easier with the IdeaPad Z500 laptop. Great multimedia performance powered by Intel® Core™ processors, surprising affordability, and bold style all combine to keep you smiling.

Lenovo IdeaPad Z500. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-2348M, Processor frequency: 2.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 8. Product colour: Brown, Silver

Design		Ports & interfaces	
Product type *	Laptop	Docking connector	×
Product colour *	Brown, Silver	ExpressCard slot	×
Form factor *	Clamshell	CardBus PCMCIA slot type	×
Display		SmartCard slot	×
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1366 x 768 pixels	Pointing device	Touchpad
Touchscreen *	×	Numeric keypad *	✓
HD type	HD	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 8
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i3	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	2nd gen Intel® Core™ i3	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i3-2348M	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	2.3 GHz	Intel® Turbo Boost Technology	×
System bus rate	5 GT/s	Intel® Small Business Advantage (Intel® SBA)	×
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	32 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i3-2300 Mobile Series		
Processor codename	Sandy Bridge		
Bus type	DMI		
Thermal Design Power (TDP)	35 W		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® InTru™ 3D Technology	✓
PCI Express slots version	2.0	Intel® Insider™	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® Quick Sync Video Technology	✓
Number of processors supported	1	Intel Flex Memory Access	✓
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel 64	✓
Memory slots	2x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	16 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	1 TB	Supported instruction sets	AVX
Storage media *	HDD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD±RW	Intel FDI Technology	✓
Card reader integrated	✓	Intel Fast Memory Access	✓
Compatible memory cards	Memory Stick (MS), SD	Processor ARK ID	74542
Graphics		Conflict-Free processor	✓
Discrete graphics card model *	Not available	Integrated 4G WiMAX	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	6
On-board graphics card model *	Intel® HD Graphics 3000	Battery life (max)	5 h
On-board graphics card base frequency	650 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	DC-in jack	✓
Audio		Security	
Audio system	Dolby Home Theater v4	Cable lock slot	✓
Built-in speaker(s)	✓	Cable lock slot type	Kensington
Number of built-in speakers	2	Fingerprint reader	✗
Built-in microphone	✓	Weight & dimensions	
Camera		Width	375 mm
Front camera	✓	Depth	263 mm
Network		Height	25.4 mm
Wi-Fi	✓	Width (imperial)	37.3 cm (14.7")
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth (imperial)	26.3 cm (10.3")
Ethernet LAN	✓	Height (imperial)	2.54 cm (1")
Ethernet LAN data rates	10,100 Mbit/s	Weight *	2.2 kg
Bluetooth	✓	Packaging content	
Bluetooth version	4.0	AC adapter included *	✓
Ports & interfaces		Cables included	AC
USB 2.0 ports quantity *	2	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Quick start guide	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	3D	✗
DVI port	✗		
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		

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