



**Lenovo IdeaPad Z500** **Core i7 i7-3520M** **39.6 cm (15.6") 8 GB DDR3-SDRAM 1 TB HDD Wi-Fi 4 (802.11n) Windows 8**

: Lenovo

: IdeaPad

: MBYPUFR

: Z500



Lenovo IdeaPad Z500. : . : . : **Core i7**, : **i7-3520M**, **2.9 GHz**. **39.6 cm (15.6")**, : **1366 x 768** . : **8 GB**, : **DDR3-SDRAM**. : **1 TB**, : **HDD**, : **DVD±RW**. : **8** **HD** **4000**. : **OS: Windows 8**. :

*		ExpressCard	✗
*		PCMCIA	✗
*			✗
			3.5 mm
*	39.6 cm (15.6")		3.5 mm
*	1366 x 768		
*	✗		
LED	✓	*	✓
	16:9	Windows	✓
	220 cd/m <sup>2</sup>		
*	Intel	OS	64-bit
*	<b>Core i7</b>		✓
	<b>Core™ i7</b>	OS *	Windows 8
*	<b>i7-3520M</b>		
	2	(WiDi)	✓
	4	My WiFi	✓
	3.6 GHz		✗
*	2.9 GHz		✓
	5 GT/	(   RST)	✗
	4 MB		✗
			✓
	BGA 1023		✓
	22 nm		2.0
	64-bit	SBA	✗
	<b>Core i7-3500 Mobile series</b>	SpeedStep	✓
	Ivy Bridge	HD	✓
	DMI		✗
FSB	✗	3d	✓
	L1		✓
TDP	35 W		✓
	105 °C		✓
PCI Express	16		✓
PCI Express	3.0		✓

<b>PCI Express</b>		<b>Processor</b>	
PCI Express	1x8, 1x16, 2x4, 2x8	Intel® Core™ i7-10710U	✓
CPU	29	Intel® Core™ i7-10710U	✓
Cache	✓	Intel® AES-NI New Instructions	✓
ECC	✗	Intel® VT-x with Extended Page Tables (EPT)	✓
<b>Memory</b>		<b>Graphics</b>	
Memory	8 GB	Intel® Iris™ Xe Graphics	✓
Memory Type	DDR3-SDRAM	Intel® Enhanced Halt State	✓
Memory Config	2x SO-DIMM	Intel® VT-x with Extended Page Tables (EPT)	✓
Memory Max	16 GB	Intel® Hyper-Threading Technology	✗
<b>Storage</b>		<b>Connectivity</b>	
Storage	1 TB	Intel® Thunderbolt™ 3	✗
Storage Type	HDD	Intel® Thunderbolt™ 3	✗
Storage Config	1	Intel® Thunderbolt™ 3	✓
HDD	1 TB	Intel® Thunderbolt™ 3	✓
HDD Type	5400 RPM	Intel® Thunderbolt™ 3	✓
HDD Size	2.5"	Intel® Thunderbolt™ 3	✓
Optical Drive	DVD±RW	Intel® Thunderbolt™ 3	✓
Optical Drive Status	✓	Intel® Thunderbolt™ 3	✓
Storage Options	MMC, SD	Intel® Thunderbolt™ 3	✓
<b>Ports</b>		<b>Dimensions</b>	
USB Type-C	✓	Height	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1023)
USB Type-A	Intel® HD Audio	Width	AVX
USB Type-A	Intel® HD Audio 4000	Depth	AVX
USB Type-A	650 MHz	Weight	SR0MU
USB Type-A	1250 MHz	Weight	1
USB Type-A	0x166	Weight	✗
<b>Display</b>		<b>Power</b>	
Display	HD	Power	22 nm
Display Type	2	Power	✓
Display Status	✓	Power	✓
<b>Camera</b>		<b>Security</b>	
Camera	✓	Security	✓
Camera Resolution	1280 x 720	Security	✗
<b>Network</b>		<b>Other</b>	
Wi-Fi	✓	Other	✓
Wi-Fi	Wi-Fi 4 (802.11n)	Other	64893
Wi-Fi	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Other	✓
LAN	✓	Other	✓
LAN Speed	10,100 Mbit/s	Other	✓
Bluetooth	✗	Other	✓
Bluetooth	10/100Base-T(X)	Other	✓
4G WiMAX	✗	Other	✓
<b>Ports</b>		<b>Ports</b>	
USB 2.0	2	USB 2.0	4
USB 3.2 (3.1 Gen 1)	1	USB 3.2 (3.1 Gen 1)	3
LAN (RJ-45)	1	LAN (RJ-45)	1
HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
<b>Ports</b>		<b>Ports</b>	
USB 2.0	2	USB 2.0	4
USB 3.2 (3.1 Gen 1)	1	USB 3.2 (3.1 Gen 1)	3
LAN (RJ-45)	1	LAN (RJ-45)	1
HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
<b>Ports</b>		<b>Ports</b>	
USB 2.0	2	USB 2.0	4
USB 3.2 (3.1 Gen 1)	1	USB 3.2 (3.1 Gen 1)	3
LAN (RJ-45)	1	LAN (RJ-45)	1
HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
<b>Ports</b>		<b>Ports</b>	
USB 2.0	2	USB 2.0	4
USB 3.2 (3.1 Gen 1)	1	USB 3.2 (3.1 Gen 1)	3
LAN (RJ-45)	1	LAN (RJ-45)	1
HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
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HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
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DVI	✗	DVI	✗
VGA	1	VGA	1
S/PDIF	✗	S/PDIF	✗
Other	✗	Other	✗
Other	✓	Other	✓
Other	✗	Other	✗
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Other	✗	Other	✗
Other	✓	Other	✓
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Other	✗	Other	✗
Other	✓	Other	✓
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Other	✓	Other	✓
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Other	✗	Other	✗
Other	✓	Other	✓
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HDMI	1	HDMI	1
DVI	✗	DVI	✗
VGA	1		

## Catalog Object Cloud



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