



Lenovo Essential G500s Intel® Core™ i3 i3-3120M Laptop 39,6 cm (15.6") 4 GB DDR3L-SDRAM 1 TB Harddisk Sort

Merke : Lenovo

Product family: Essential

Produktkode: 59-406213

Produktnavn : G500s



Lenovo Essential G500s. Produkttype: Laptop, Formfaktor: Clamshell. Prosessorfamilie: Intel® Core™ i3, Prosessormodell: i3-3120M, Prosessorfrekvens: 2,5 GHz. Skjermdiagonal: 39,6 cm (15.6"), Skjermopløsning: 1366 x 768 piksler. Internminne: 4 GB, Internminnetype: DDR3L-SDRAM. Total lagringskapasitet: 1 TB, Lagringsmedier: Harddisk, Optisk stasjonstype: DVD Super Multi. Grafikkadaptermoell om bord: Intel® HD Graphics 4000. Produktfarge: Sort. Vekt: 2,4 kg

Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Black	Docking connector	✗
Form factor *	Clamshell	ExpressCard slot	✗
Market positioning	Business	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 *	✓
LED backlight	✓	Full-size keyboard	✓
Native aspect ratio	16:9	Windows keys	✓
Display surface	Gloss	Processor special features	
Display brightness	200 cd/m²	Intel® Wireless Display (Intel® WiDi)	✓
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor family *	Intel® Core™ i3	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor generation	3rd gen Intel® Core™ i3	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	i3-3120M	Intel® Turbo Boost Technology	✗
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.5 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 lithography	22 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® Smart Cache	✓
Processor series	Intel Core i3-3100 Mobile Series	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor codename	Ivy Bridge	Intel Trusted Execution Technology	✗
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		

Processor		Processor special features	
CPU multiplier (bus/core ratio)	25	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
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	1600 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	2x SO-DIMM		
Maximum internal memory *	16 GB		
Storage		Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
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	Graphics & IMC lithography	22 nm
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD speed	5400 RPM	Intel Identity Protection Technology version	1.00
HDD size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD Super Multi	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC, SD	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✓
On-board graphics card *	✓	Processor ARK ID	71465
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4000	Integrated 4G WiMAX	✓
On-board graphics card base frequency	650 MHz		
On-board graphics card dynamic frequency (max)	1100 MHz		
On-board graphics card ID	0x166		
Audio		Battery	
Audio system	Dolby Advanced	Battery technology	Lithium-Ion (Li-Ion)
Number of built-in speakers	2	Number of battery cells	4
Speaker power	1.5 W	Battery capacity	2800 mAh
Built-in microphone	✓		
Camera		Power	
Front camera	✓	AC adapter frequency	50 - 60 Hz
Front camera resolution	1280 x 720 pixels	AC adapter input voltage	100 - 240 V
Network		DC-in jack	✓
Wi-Fi	✓		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100 Mbit/s		
Bluetooth	✗		
Ports & interfaces		Security	
USB 2.0 ports quantity *	2	Cable lock slot	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Cable lock slot type	Kensington
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
		Weight & dimensions	
		Width	380 mm
		Depth	260 mm
		Height	26.9 mm
		Weight *	2.4 kg
		Packaging content	
		AC adapter included *	✓
		Manual	✓
		Power cord included	✓
		Other features	
		Maximum internal memory (64-bit)	16 GB



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