



## Lenovo G50-70 Intel® Core™ i7 i7-4510U Laptop 39,6 cm (15.6") HD 8 GB DDR3L-SDRAM 500 GB Windows 8.1 Black

**Brand :** Lenovo

**Product code:** 59423190

**Product name :** G50-70

Intel i7-4510U, 8GB, 500GB, 15.6" GT 1366x768, DVD-SM, Windows 8.1

Lenovo G50-70 Intel® Core™ i7 i7-4510U Laptop 39,6 cm (15.6") HD 8 GB DDR3L-SDRAM 500 GB  
Windows 8.1 Black:

### EVERYDAY VERSATILITY

- processor 4th Generation Intel Core Processors
- Operating System Windows 8.1 64-bit Operating System
- Display 15.6" HD Display for Bright, Crisp Visuals
- Multi Media Comprehensive Feature Set & Solid Performance
- Storage Plenty of Storage for Movies, Music & Games

Lenovo G50-70. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4510U, Processor frequency: 2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product colour: Black



Design		Processor special features	
Product type *	Laptop	Intel® Wireless Display (Intel® WiDi)	✓
Product colour *	Black	Intel® My WiFi Technology (Intel® MWT)	✗
Form factor *	Clamshell	Intel Smart Connect Technology	✓
Display		Intel® Anti-Theft Technology (Intel® AT)	✓
Display diagonal *	39,6 cm (15.6")	Intel® Rapid Start Technology	✗
Display resolution *	1366 x 768 pixels	Intel® Smart Response Technology	✗
Touchscreen *	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	HD	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Processor		Intel® Small Business Advantage (Intel® SBA)	✗
Processor manufacturer *	Intel	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor family *	Intel® Core™ i7	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Active Management Technology (Intel® AMT)	✓
Processor model *	i7-4510U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® RealSense Technology	✗
Processor threads	4	Intel RealSense Snapshot	✗
Processor boost frequency	3,1 GHz	Intel RealSense 3D Camera	✗
Processor frequency *	2 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	5 GT/s	Intel Clear Video Technology	✗
Processor cache	4 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Insider™	✓
Processor socket	BGA 1168	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 i7-4500 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	D0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	2.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	4x1, 2x4	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3L-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel TSX-NI	✗
Maximum internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	500 GB	Execute Disable Bit	✓
Optical drive type *	DVD-RW	Idle States	✓
Card reader integrated	✓	Thermal Monitoring Technologies	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Processor package size	40 x 24 x 1.5 mm
Graphics		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	Not available	Processor code	SR1EB
On-board graphics card *	✓	CPU configuration (max)	1
Discrete graphics card *	✗	Embedded options available	✗
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card model *	Intel® HD Graphics 4400	Intel Smart Connect Technology version	1,00
On-board graphics card base frequency	200 MHz	Intel Identity Protection Technology version	1,00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Secure Key Technology version	1,00
Maximum on-board graphics card memory	1,74 GB	Intel ME Firmware Version	9.5
On-board graphics card DirectX version	11.2/12	Intel TSX-NI version	0,00
On-board graphics card OpenGL version	4.3	Intel Virtualization Technology (VT-x)	✓
On-board graphics card ID	0xA16	Intel Dual Display Capable Technology	✗
Audio		Intel FDI Technology	✓
Audio system	Dolby Advanced Audio v2	Intel Rapid Storage Technology	✓
Built-in microphone	✓	Intel Fast Memory Access	✗
Camera		Processor ARK ID	81015
Front camera	✓	Conflict-Free processor	✓
Rear camera	✗	Battery	
Network		Number of battery cells	4
Wi-Fi	✓	Battery life (max)	4 h
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Power	
Ethernet LAN	✗	DC-in jack	✓
Bluetooth	✓	Security	
Bluetooth version	4.0	Cable lock slot	✗
Ports & interfaces		Fingerprint reader	✗
USB 2.0 ports quantity *	2	Trusted Platform Module (TPM)	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight & dimensions	
HDMI ports quantity *	1	Width	384 mm
DVI port	✗	Depth	264 mm
Headphone outputs	1	Height	24,8 mm
S/PDIF out port	✗	Weight *	2,5 kg
Microphone in	✓	Packaging content	
Combo headphone/mic port	✓	Mouse included	✗
Docking connector	✗	Other features	
ExpressCard slot	✗	Swivel webcam	✗
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

Ports & interfaces		Other features	
Number of SATA III connectors	4	Intel® Virtualization Technology (Intel® VT)	VT-x
Keyboard		TV tuner integrated	✗
Pointing device	Touchpad		
Numeric keypad *	✗		
Keyboard backlit	✗		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Trial software	McAfee LiveSafe		
Operating system installed *	Windows 8.1		

## Catalog Object Cloud



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