



Lenovo IdeaCentre B540 Intel® Core™ i5 i5-3450S 58,4 cm (23") 1920 x 1080 pixels Touchscreen All-in-One PC 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® 615M Windows 8 Black, Silver

Brand : Lenovo

Product code: 57-308817

Product name : IdeaCentre B540

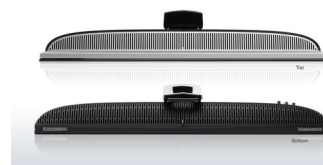
Intel Core i5-3450S(2.8GHz), 4GB RAM, 1000GB HDD, Windows 8 64

Lenovo IdeaCentre B540 Intel® Core™ i5 i5-3450S 58,4 cm (23") 1920 x 1080 pixels Touchscreen All-in-One PC 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® 615M Windows 8 Black, Silver:

Your all-in-one entertainment future

Amplify your home entertainment experience with a desktop that merges slim, modern design with state-of-the-art multimedia features. Play 3D games, enjoy thrilling movies or catch your favorite TV shows in HD — all on a crisp, widescreen display.

- Integrated stereo speakers with Dolby® Advanced Audio™ v2;
- HDMI output and a 6-in-1 card reader;
- Integrated 720p high-sense webcam;
- Internal power adapter for tidier cable management;
- Easy access to hard drive and memory for simple upgrades.



Display		Ports & interfaces	
Display diagonal *	58,4 cm (23")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	USB 2.0 ports quantity *	6
Touchscreen *	✓	HDMI ports quantity *	1
Full HD	✓	Headphone outputs	1
HD type *	Full HD	Microphone in	✓
LED backlight	✓	DC-in jack	✓
Touch technology	Multi-touch	Mini PCI Express slots	2
Native aspect ratio	16:9	Design	
Display brightness	250 cd/m²	Product colour *	Black, Silver
Display surface	Gloss	Cable lock slot	✓
Processor		Performance	
Processor manufacturer *	Intel	Product type *	All-in-One PC
Processor family *	Intel® Core™ i5	Motherboard chipset	Intel® H61 Express
Processor generation	3rd gen Intel® Core™ i5	Software	
Processor model *	i5-3450S	Operating system architecture	64-bit
Processor cores	4	Operating system installed *	Windows 8
Processor threads	4	Processor special features	
Processor boost frequency	3,5 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2,8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cache	6 MB	Intel® My WiFi Technology (Intel® MWT)	✗
Processor cache type	Smart Cache	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	5 GT/s	Intel® Anti-Theft Technology (Intel® AT)	✓
64-bit computing	✓	Intel® Wireless Display (Intel® WiDi)	✓
Thermal Design Power (TDP)	65 W	Enhanced Intel SpeedStep Technology	✓
PCI Express slots version	3.0	Intel® Quick Sync Video Technology	✓
Processor socket	LGA 1155 (Socket H2)	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	22 nm		
Processor operating modes	64-bit		
Stepping	E1		
Bus type	DMI		
Processor codename	Ivy Bridge		
Processor series	Intel Core i5-3400 Desktop series		
FSB Parity	✗		

Processor		Processor special features	
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel Clear Video Technology	✗
Tcase	69,1 °C	Intel® Insider™	✓
CPU multiplier (bus/core ratio)	28	Intel® InTru™ 3D Technology	✓
Maximum internal memory supported by processor	32 GB	Intel Flex Memory Access	✓
Conflict-Free processor	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by processor	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speeds supported by processor	1333,1600 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	25,6 GB/s	Intel VT-x with Extended Page Tables (EPT)	✓
Memory channels supported by processor	Dual	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Memory slots	2	Idle States	✓
Memory slots type	SO-DIMM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	37.5 x 37.5 mm
Storage		Supported instruction sets	AVX, SSE4.1, SSE4.2
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of storage drives installed	1	Graphics & IMC lithography	22 nm
Number of hard drives installed	1	Thermal solution specification	PCG 2011C
Hard drive speed	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Hard drive interface	SATA II	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD±RW	Intel Secure Key Technology version	1,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel TSX-NI version	0,00
Discrete graphics card model *	NVIDIA® GeForce® 615M	Intel Dual Display Capable Technology	✗
Discrete graphics card memory	2 GB	Intel FDI Technology	✓
Discrete graphics memory type	GDDR3	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	65512
On-board graphics card model *	Intel® HD Graphics 2500	Power	
On-board graphics card base frequency	650 MHz	AC adapter power	200 W
On-board graphics card dynamic frequency (max)	1100 MHz	Weight & dimensions	
Number of displays supported (on-board graphics)	3	Width (with stand)	576,6 mm
On-board graphics card ID	0x152	Depth (with stand)	110,3 mm
Audio		Height (with stand)	411,9 mm
Built-in speaker(s) *	✓	Weight (with stand)	9,18 kg
RMS rated power	6 W	Sustainability	
Audio system	HD	Sustainability certificates	ENERGY STAR
Camera		Packaging content	
Built-in camera *	✓	Mouse included	✓
Camera resolution	1280 x 720 pixels	Keyboard included	✓
Network		AC adapter included	✓
Wi-Fi *	✓	Quick start guide	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Other features	
Ethernet LAN *	✓	Storage drive interface	Serial ATA II
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth *	✗		

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.