



## Lenovo IdeaPad Z370 Intel® Core™ i5 i5-2410M 33.8 cm (13.3") 4 GB DDR3-SDRAM 750 GB NVIDIA® GeForce® 410M Wi-Fi 4 (802.11n) Windows 7 Home Premium



**Brand :** Lenovo

**Product family:** IdeaPad

**Product code:** M5654SP

**Product name :** Z370

Z370 - Intel Core i5-2410M (3M Cache, 2.30 GHz), 4GB RAM, 750GB HDD, DVD-RW, NVIDIA GeForce GT410M, 13.3" Backlit LED HD (1366x768), Gigabit Ethernet, 802.11b/g/n, Bluetooth, Windows 7 Home Premium

Lenovo IdeaPad Z370. Processor family: Intel® Core™ i5, Processor: i5-2410M, Processor frequency: 2.3 GHz. Display diagonal: 33.8 cm (13.3"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 750 GB, Optical drive: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: NVIDIA® GeForce® 410M. Operating system installed: Windows 7 Home Premium. Weight: 2 kg

Display		Ports & interfaces	
Display diagonal *	33.8 cm (13.3")	Docking connector	✗
Display resolution *	1366 x 768 pixels	ExpressCard slot	✗
LED backlight	✓	CardBus PCMCIA slot type	✗
Native aspect ratio	16:9	SmartCard slot	✗
Processor		TV-out	✗
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i5	Pointing device	Touchpad
Processor generation	2nd gen Intel® Core™ i5	Software	
Processor *	i5-2410M	Operating system installed *	Windows 7 Home Premium
Processor number of cores	2	Processor special features	
Processor threads	4	Intel Wireless Display (WiDi) Technology	✓
Processor boost frequency	2.9 GHz	Intel My WiFi Technology	✓
Processor frequency *	2.3 GHz	Intel Anti-Theft Technology	✓
System bus data transfer rate	5 GT/s	Intel Identity Protection Technology	✓
Processor cache	3 MB	Intel Hyper-Threading Technology	✓
Processor cache type	Smart Cache	Intel Turbo Boost Technology	2.0
Processor socket	BGA 1023	Enhanced Intel SpeedStep Technology	✓
Processor lithography	32 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel Clear Video Technology	✗
Processor series	Intel Core i5-2400 Mobile Series	Intel® InTru™ 3D Technology	✓
Processor codename	Sandy Bridge	Intel® Insider™	✗
Bus type	DMI	Intel® Quick Sync Video Technology	✓
FSB Parity	✗	Intel Flex Memory Access	✓
Stepping	J1	Intel® Smart Cache	✓
Thermal Design Power (TDP)	35 W	Intel AES New Instructions	✗
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel Demand Based Switching	✗
CPU multiplier (bus/core ratio)	23	Intel Clear Video Technology for MID	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3-SDRAM		
Memory slots	2x SO-DIMM		
Memory, maximum *	6 GB		
Storage			
Total storage capacity *	750 GB		

Storage		Processor special features	
Hard drive capacity	750 GB	Thermal Monitoring Technologies	✓
Hard drive interface	SATA	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Hard drive rotational speed	5400 RPM	Supported instruction sets	AVX
Optical drive *	DVD Super Multi DL	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	32 nm
Compatible memory cards	MMC, MS PRO, SD, xD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® 410M	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✓
Discrete graphics card *	✓	Intel FDI Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 3000	Intel Fast Memory Access	✓
On-board graphics card base frequency	650 MHz	Processor ARK ID	52224
On-board graphics card dynamic frequency (max)	1200 MHz	Conflict-Free processor	✗
On-board graphics card ID	0x116	Integrated 4G WiMAX	✓
Audio		Battery	
Audio system	HD	Number of battery cells	6
Number of built-in speakers	2	Power	
Speaker power	1.5 W	DC-in jack	✓
Built-in microphone	✓	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Weight & dimensions	
Network interface	Gigabit Ethernet	Width	328 mm
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Depth	222 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height (front)	2 cm
Ethernet LAN connection	✓	Height (rear)	3.3 cm
Bluetooth	✓	Weight *	2 kg
Cabling technology	10/100/1000Base-T(X)	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	2	Other features	
eSATA/USB 2.0 ports quantity	1	Wireless	Wi-Fi
Ethernet LAN (RJ-45) ports	1	Infrared data port	✗
HDMI ports quantity *	1	Graphics card family	NVIDIA
DVI port	✗	Display	TFT
VGA (D-Sub) ports quantity	1	TV tuner integrated	✗
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		

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