



## Lenovo IdeaPad Y550 Intel® Core™ 2 Duo P8700 Laptop 39,6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 240M FreeDOS Black

**Brand :** Lenovo

**Product family:** IdeaPad

**Product code:** 59025382

**Product name :** Y550



IdeaPad Y550 - Intel Core 2 Duo P8700 (2.53GHz, 3MB Cache), 4GB DDR3 RAM, 500GB SATA HDD, 15.6" LED (1366x768), GeForce GT 240M 1GB, Gigabit Ethernet, 802.11a/g/n, Webcam, DVD-RW, DOS  
Lenovo IdeaPad Y550. Product type: Laptop, Form factor: Clamshell. Processor type: Intel® Core™ 2 Duo, Processor: P8700, Processor frequency: 2,53 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drives: DVD-RW. Discrete graphics card model: NVIDIA® GeForce® GT 240M. Operating system software: FreeDOS. Product colour: Black

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Display		Windows keys	✓
Display diagonal *	39,6 cm (15.6")	Software	
Display resolution *	1366 x 768 pixels	Operating system software *	FreeDOS
Touchscreen *	✗	Processor special features	
LED backlight	✓	Intel Wireless Display (WiDi) Technology	✗
Native aspect ratio	16:9	Intel My WiFi Technology	✗
Display brightness	220 cd/m²	Intel Smart Connect Technology	✗
Contrast ratio (typical)	500:1	Intel Anti-Theft Technology	✗
Processor		Intel® Rapid Start Technology	✗
Processor manufacturer *	Intel	Intel® Smart Response Technology	✗
Processor type *	Intel® Core™ 2 Duo	Intel Identity Protection Technology	✗
Processor *	P8700	Intel Hyper-Threading Technology	✗
Processor number of cores	2	Intel Turbo Boost Technology	✗
Processor threads	2	Intel® Small Business Advantage (Intel® SBA)	✗
Processor frequency *	2,53 GHz	Intel Matrix Storage Technology	✗
Processor cache	3 MB	Intel HD Audio Technology	✗
Processor cache type	L2	Intel Active Management Technology	✗
Processor socket	Socket 479	Enhanced Intel SpeedStep Technology	✓
Processor system bus	1066 MHz	Intel Clear Video HD Technology	✗
Processor lithography	45 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✗
Processor series	Intel Core 2 Duo P8000 Series	Intel® Insider™	✗
Processor codename	Penryn	Intel® Quick Sync Video Technology	✗
Bus type	FSB	Intel Flex Memory Access	✗
FSB Parity	✗	Intel AES New Instructions	✗
Stepping	R0		
Thermal Design Power (TDP)	25 W		
Tjunction	105 °C		
Number of Processing Die Transistors	410 M		

Processor		Processor special features	
Processing die size	107 mm²	Intel Trusted Execution Technology	✓
CPU multiplier (bus/core ratio)	9,5	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 MID	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Memory speed	1066 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✗
Maximum memory *	8 GB	Processor package size	35 x 35 mm
Storage		Processor code	SLGFE
Total storage capacity *	500 GB	Embedded options available	✗
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Virtualization Technology (VT-x)	✓
Hard drive capacity	500 GB	Intel Dual Display Capable Technology	✗
Hard drive interface	SATA	Intel FDI Technology	✗
Hard drive rotational speed	5400 RPM	Intel Rapid Storage Technology	✗
Hard drive size	2.5"	Intel Fast Memory Access	✗
Optical drives *	DVD-RW	Processor ARK ID	37006
Card reader integrated	✓	Conflict-Free processor	✗
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, xD	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA® GeForce® GT 240M	Number of battery cells	6
Discrete graphics memory type	GDDR3	Battery life (max)	3,5 h
On-board graphics card *	✗	Power	
Discrete graphics card *	✓	DC-in jack	✓
On-board graphics card model *	Not available	Security	
Audio		Cable lock slot	✓
Audio system	HD	Password protection type	HDD, Supervisor, User
Number of built-in speakers	2	Sustainability	
Speaker power	4 W	Sustainability certificates	ENERGY STAR
Built-in microphone	✓	Weight & dimensions	
Camera		Width	385 mm
Front camera	✓	Depth	255 mm
Front camera resolution (numeric)	1,3 MP	Height (front)	2,6 cm
Network		Height (rear)	3,7 cm
Wi-Fi	✓	Weight *	2,75 kg
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Packaging content	
Ethernet LAN connection	✓	AC adapter included *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Manual	✓
Bluetooth	✗	Power cord included	✓
Ports & interfaces		Other features	
USB 2.0 ports quantity *	2	Maximum internal memory (64-bit)	8 GB
eSATA/USB 2.0 ports quantity	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		
Docking connector	✗		
ExpressCard slot	✓		
CardBus PCMCIA slot type	✗		

Ports & interfaces

SmartCard slot ✖

## Catalog Object Cloud



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