



Lenovo IdeaPad Y400 Intel® Core™ i7 i7-3630QM Laptop 35.6 cm (14") HD 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 650M Windows 8 Black

Brand : Lenovo

Product family: IdeaPad

Product code: 59-345846

Product name : Y400

Intel Core i7-3630QM(2.4GHz), 4GB RAM, 1000GB HDD, Windows 8 64

Lenovo IdeaPad Y400. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3630QM, Processor frequency: 2.4 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	S/PDIF out port	✗
Product colour *	Black	Microphone in	✓
Form factor *	Clamshell	Docking connector	✗
Display		ExpressCard slot	✗
Display diagonal *	35.6 cm (14")	CardBus PCMCIA slot type	✗
Display resolution *	1366 x 768 pixels	SmartCard slot	✗
Touchscreen *	✗	Keyboard	
HD type	HD	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✗
Native aspect ratio	16:9	Software	
Dual-screen	✗	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 8
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i7-3630QM	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.4 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2.4 GHz	Intel® High Definition Audio (Intel® HD Audio)	✓
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Processor socket	PGA988	Intel® InTru™ 3D Technology	✓
Processor lithography	22 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i7-3600 Mobile series	Intel Flex Memory Access	✓
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	E1		
Thermal Design Power (TDP)	45 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	3.0	Intel® Smart Cache	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel® AES-NI)	✓
CPU multiplier (bus/core ratio)	24	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	4 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	1 TB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	1 TB	Processor package size	37.5 x 37.5 (rPGA988B)
HDD speed	5400 RPM	Supported instruction sets	AVX
Optical drive type *	DVD Super Multi	Processor code	SR0UX
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, xD	Embedded options available	✗
Graphics		Graphics & IMC lithography	22 nm
Discrete graphics card model *	NVIDIA® GeForce® GT 650M	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel FDI Technology	✓
On-board graphics card base frequency	650 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1150 MHz	Intel Fast Memory Access	✓
On-board graphics card ID	0x166	Processor ARK ID	71459
Audio		Conflict-Free processor	✓
Audio system	HD	Integrated 4G WiMAX	✓
Built-in speaker(s)	✓	Battery	
Network		Number of battery cells	6
Wi-Fi	✓	Battery capacity *	48 Wh
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Battery life (max)	3 h
Ethernet LAN	✓	Power	
Ethernet LAN data rates	10,100,1000 Mbit/s	DC-in jack	✓
Bluetooth	✓	Security	
Bluetooth version	4.0	Cable lock slot	✗
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ports & interfaces		Weight *	2.5 kg
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		

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