DELL XPS 13 Intel® Core™ i7 i7-3537U Laptop 33.8 cm (13.3") 8 GB DDR3-SDRAM 256 GB SSD Windows 8 Black, Silver

Brand : DELL　　　　**Product family:** XPS　　　　**Product code:** N0013Z11

Product name : 13

Intel Core i7-3537U (4M Cache, 2 GHz), Intel QS67, 8GB DDR3 SDRAM, 256GB SSD, 13.3" LCD (1920x1080), Intel HD Graphics 4000, 802.11a/g/n, Bluetooth 4.0, 1.36 kg, Windows 8 64-bit DELL XPS 13. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3537U, Processor frequency: 2 GHz. Display diagonal: 33.8 cm (13.3"), Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8. Product colour: Black, Silver. Weight: 1.36 kg

Design

Product type *	Laptop
Product colour *	Black, Silver
Form factor *	Clamshell

Display

Display diagonal *	33.8 cm (13.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	3rd gen Intel® Core™ i7
Processor model *	i7-3537U
Processor cores	2
Processor threads	4
Processor boost frequency	3.1 GHz
Processor frequency *	2 GHz
System bus rate	5 GT/s
Processor cache	4 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-3500 Mobile series
Processor codename	Ivy Bridge
Bus type	DMI
FSB Parity	✗
Stepping	L1
Thermal Design Power (TDP)	17 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0

Keyboard

Spill-resistant keyboard	✔
Full-size keyboard	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Matrix Storage Technology (Intel® MST)	✗
Intel® High Definition Audio (Intel® HD Audio)	✗
Intel® Active Management Technology (Intel® AMT)	✗
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✗

Processor

PCI Express configurations	1x8, 1x16, 2x4, 2x8
CPU multiplier (bus/core ratio)	20
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	mSATA
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4000
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1200 MHz
On-board graphics card ID	0x166

Audio

Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1.3 MP

Network

Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✘
Bluetooth	✔
Data network	Not supported
4G WiMAX	✘

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Mini DisplayPorts quantity	1
DVI port	✘
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✘
Docking connector	✘
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘

Performance

Motherboard chipset	Intel QS67 Express

Processor special features

Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31 x 24 (BGA1023)
Supported instruction sets	AVX
Processor code	SR0XG
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	72054
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	47 Wh

Power

AC adapter power	45 W
DC-in jack	✔

Security

Cable lock slot	✘

Weight & dimensions

Width	316 mm
Depth	205 mm
Height (front)	6 mm
Height (rear)	1.8 cm
Weight *	1.36 kg

Packaging content

AC adapter included *	✔
Cables included	AC
Manual	✔
Quick start guide	✔

Other features

LightScribe	✘

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔

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