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Erazer X7613 slim Intel® Core™ i7 i7-4710HQ Laptop 43,9 cm (17.3") Full HD 16 GB DDR3L-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 860M Windows 8.1 Black

Brand : Erazer

Product name : X7613 slim

Product code: 30017367

Erazer X7613 slim. Product type: Laptop, Form factor: Clamshell. Processor type: Intel® Core™ i7, Processor: i7-4710HQ, Processor frequency: 2,5 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1,13 TB, Storage media: HDD+SSD, Optical drives: DVD±RW. Operating system software: Windows 8.1. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display

Display diagonal *	43,9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt

Processor

Processor manufacturer *	Intel
Processor type *	Intel® Core™ i7
Processor generation	4th gen Intel® Core™ i7
Processor *	i7-4710HQ
Processor number of cores	4
Processor threads	8
Processor boost frequency	3,5 GHz
Processor frequency *	2,5 GHz
System bus data transfer rate	5 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1364
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-4700 Mobile series
Processor codename	Haswell
Bus type	DMI2
FSB Parity	✗
Stepping	C0
Thermal Design Power (TDP)	47 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16

Performance

Chipset	Intel® HM87

Keyboard

Numeric keypad *	✔
Windows keys	✔
Keyboard layout	QWERTY

Software

Operating system architecture	64-bit
Drivers included	✔
Trial software	Office 365 Home Premium, McAfee LiveSafe 2014
Operating system software *	Windows 8.1
Bundled software	Cyberlink Power2Go, Cyberlink PowerDVD, Cyberlink Youcam

Processor special features

Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✗
Intel Smart Connect Technology	✗
Intel Anti-Theft Technology	✔
Intel® Rapid Start Technology	✗
Intel® Smart Response Technology	✗
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✗
Intel Matrix Storage Technology	✗
Intel HD Audio Technology	✗
Intel Active Management Technology	✗
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✔

Processor

PCI Express slots version	3.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
ECC supported by processor	✘

Memory

Internal memory *	16 GB
Internal memory type	DDR3L-SDRAM
Memory speed	1600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM

Storage

Total storage capacity *	1,13 TB
Storage media *	HDD+SSD
Number of SSDs installed	1
Solid-state drive capacity	128 GB
Optical drives *	DVD±RW
Card reader integrated	✔

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GTX 860M
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4600
On-board graphics card base frequency	400 MHz
On-board graphics card dynamic frequency (max)	1200 MHz
Maximum on-board graphics card memory	1,74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.3
On-board graphics card ID	0x416
Number of discrete graphics cards supported	1
Number of discrete graphics cards installed	1

Audio

Audio system	HD
Number of built-in speakers	2
Built-in subwoofer	✔
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports	1

Processor special features

Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✘
Intel Smart Cache	✔
Intel AES New Instructions	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Clear Video Technology for MID	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 32 x 1.6 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR1PX
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1,00
Intel Secure Key Technology version	1,00
Intel TSX-NI version	0,00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	78930
Conflict-Free processor	✔

Battery

Number of battery cells	6
Battery capacity	5400 mAh

Power

AC adapter power	150 W
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington

Certificates

Wi-Fi certified	✔

Weight & dimensions

Width	418 mm
Depth	288 mm
Height	23 mm
Weight *	2,68 kg

Packaging content

AC adapter included *	✔

Ports & interfaces

HDMI ports quantity *	1
Mini DisplayPorts quantity	2
DVI port	✘
Headphone outputs	1
S/PDIF out port	✔
Microphone in	✔
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘

Packaging content

Manual	✔
Warranty card	✔
Power cord included	✔

Other features

Intel Virtualization Technology	VT-d, VT-x

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