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Erazer X7825 (MD98416) Intel® Core™ i7 i7-4700MQ Laptop 43,9 cm (17.3") Full HD 16 GB DDR3-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 770M Windows 8 Black

Brand : Erazer

Product code: 30015836A1

Product name : X7825 (MD98416)

Erazer X7825 (MD98416). Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4700MQ, Processor frequency: 2,4 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: DDR3-SDRAM. Total storage capacity: 1,13 TB, Storage media: HDD+SSD, Optical drive type: Blu-Ray DVD Combo. Operating system installed: Windows 8. 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

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	4th gen Intel® Core™ i7
Processor model *	i7-4700MQ
Processor cores	4
Processor threads	8
Processor boost frequency	3,4 GHz
Processor frequency *	2,4 GHz
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	PGA946
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

Ports & interfaces	
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✔
Microphone in	✔
Line-in	✔
ExpressCard slot	✖
CardBus PCMCIA slot type	✖
SmartCard slot	✖

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Full-size keyboard	✔
Windows keys	✔

Software	
Drivers included	✔
Trial software	Microsoft Office 2013, Kaspersky Internet Security 2013
Operating system installed *	Windows 8
Bundled software	CyberLink PowerDVD CyberLink YouCam Windows Essentials

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

Processor

Maximum number of PCI Express lanes	16
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	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory form factor	On-board
Memory layout (slots x size)	4 x 4 GB
Memory slots	4x SO-DIMM

Storage

Total storage capacity *	1,13 TB
Storage media *	HDD+SSD
Number of HDDs installed	1
HDD capacity	1 TB
SSD capacity	128 GB
Optical drive type *	Blu-Ray DVD Combo
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GTX 770M
Discrete graphics card memory	3 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)	1150 MHz
Maximum on-board graphics card memory	1,74 GB
On-board graphics card DirectX version	11.1
On-board graphics card ID	0x416

Audio

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

Camera

Front camera	✔
Front camera resolution (numeric)	3 MP

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0
Data network	Not supported
Cabling technology	10/100/1000Base-T(X)
4G WiMAX	✘

Processor special features

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	✘
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 Mobile Internet Devices (Intel CVT 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	SR15H
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	75117
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	9

Power

DC-in jack	✔

Security

Cable lock slot	✘

Weight & dimensions

Width	428 mm
Depth	288 mm
Height	55 mm
Weight *	3,82 kg

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Mini DisplayPorts quantity	1
DVI port	✘

Packaging content

Manual	✔
Quick start guide	✔
Warranty card	✔

Other features

3D	✘

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