ASUS

ASUS Essentio CM6330-DE004O Intel® Core™ i7 i7-3770 8 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 630 Windows 7 Home Premium PC Black
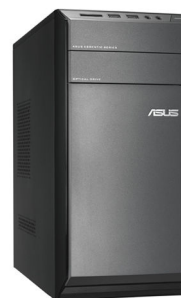
Brand : ASUS

Product family: Essentio

Product code:
90PD9CDBD251F8704CKZ

Product name : CM6330-DE004O

Intel Core i7-3770 (8M Cache, up to 3.90 GHz), 8GB DDR3 1333MHz, 1TB HDD, NVIDIA GT 630, Intel HD Graphics 2500, Gigabit Ethernet, 350W, Super Multi DVD, Windows 7 Home Premium 64-bit
ASUS Essentio CM6330-DE004O. Processor frequency: 3,4 GHz, Processor family: Intel® Core™ i7, Processor model: i7-3770. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4000, Discrete graphics card model: NVIDIA® GeForce® GT 630. Operating system installed: Windows 7 Home Premium, Operating system architecture: 64-bit. Power supply: 350 W. Product type: PC

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	3rd gen Intel® Core™ i7
Processor model *	i7-3770
Processor cores	4
Processor threads	8
Processor boost frequency	3.9 GHz
Processor frequency *	3.4 GHz
Processor socket	LGA 1155 (Socket H2)
Processor cache	8 MB
Processor cache type	Smart Cache
System bus rate	5 GT/s
Bus type	DMI
FSB Parity	✗
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-3700 Desktop series
Processor codename	Ivy Bridge
Thermal Design Power (TDP)	77 W
Tcase	67.4 °C
Tjunction	105 °C
PCI Express slots version	3.0
PCI Express configurations	1x8, 1x16, 2x4, 2x8
Number of processors installed	1
Stepping	E1
CPU multiplier (bus/core ratio)	34
Maximum internal memory supported by processor	32 GB

Performance

Motherboard chipset	Intel® H61
Audio system	HD
Audio output channels	7.1 channels
Product type *	PC

Software

Operating system installed *	Windows 7 Home Premium
Operating system architecture	64-bit

Processor special features

Intel® Small Business Advantage (Intel® SBA)	✗
Intel® Wireless Display (Intel® WiDi)	✔
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✗
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✗
Idle States	✔
Thermal Monitoring Technologies	✔
Intel® AES New Instructions (Intel® AES-NI)	✔

Processor

Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	1333,1600 MHz
Memory bandwidth supported by processor (max)	25.6 GB/s
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Maximum internal memory *	8 GB
Internal memory type	DDR3-SDRAM
Memory slots	2x DIMM
Memory clock speed	1333 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Optical drive type *	DVD Super Multi
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	1 TB
HDD speed	7200 RPM
HDD size	2.5"
Card reader integrated	✔
Compatible memory cards	SD/ SDHC/ MS/ MS Pro/ xD/ MMC

Graphics

On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® GT 630
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR3
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Number of displays supported (on-board graphics)	3
On-board graphics card ID	0x162

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	6
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
VGA (D-Sub) ports quantity	1
DVI port	✘
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Combo headphone/mic port	✘
S/PDIF out port	✔
DC-in jack	✘
SmartCard slot	✘

Processor special features

Intel® Secure Key	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel FDI Technology	✔
Intel Flex Memory Access	✔
Intel Fast Memory Access	✔
Intel Enhanced Halt State	✔
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX, SSE4.1, SSE4.2
CPU configuration (max)	1
Graphics & IMC lithography	22 nm
Thermal solution specification	PCG 2011D
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 TSX-NI version	0.00
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	65719
Intel® Smart Response Technology	✘
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✔
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Conflict-Free processor	✔

Power

Power supply *	350 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Weight & dimensions

Width *	173 mm
Depth *	400 mm
Height *	360 mm
Weight *	7.9 kg
Package width	242 mm
Package depth	513 mm
Package height	480 mm

Packaging content

Mouse included	✘
Keyboard included	✘
Cables included	AC
AC adapter included	✔

Other features

Optical drives quantity	1

Expansion slots		Other features	
PCI Express x1 slots	2	LightScribe	✘
PCI Express x16 slots	1	Form factor	Tower
PCI slots	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x

Design	
Water cooling system	✘
Product colour *	Black