

ASUS CG CG8270-FR0130 PC Intel® Core™ i7 i7-3770 8 GB DDR3-SDRAM 1.06 TB Windows 7 Home Premium Black

Brand : ASUS

Product family: CG

Article code: CG8270-FR0130

Product name : CG8270-FR0130

ASUS CG CG8270-FR0130. Processor frequency: 3.4 GHz, Processor family: Intel® Core™ i7, Processor model: i7-3770. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1.06 TB, Card reader integrated, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Home Premium, Operating system architecture: 64-bit. Product type: PC. Weight: 23.8 lbs (10.8 kg). Product color: Black



Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 7 Home Premium
Processor generation	3rd gen Intel® Core™ i7	Processor special features	
Processor model *	i7-3770	Intel® Wireless Display (Intel® WiDi)	✓
Processor cores	4	Intel 64	✓
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.9 GHz	Embedded options available	✓
Processor frequency *	3.4 GHz	Intel® InTru™ 3D Technology	✓
Processor socket	LGA 1155 (Socket H2)	Intel® Insider™	✓
Processor cache	8 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
System bus rate	5 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	DMI	Intel TSX-NI	✗
FSB Parity	✗	Idle States	✓
Processor lithography	22 nm	Thermal Monitoring Technologies	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Core i7-3700 Desktop series	Intel® Secure Key	✓
Processor codename	Ivy Bridge	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	77 W	Execute Disable Bit	✓
Tcase	67.4 °C	Intel FDI Technology	✓
Tjunction	105 °C	Intel Flex Memory Access	✓
PCI Express slots version	3.0	Intel Fast Memory Access	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel Enhanced Halt State	✓
Number of processors installed	1		
Stepping	E1		
CPU multiplier (bus/core ratio)	34		
Maximum internal memory supported by processor	32 GB		

Processor		Processor special features	
Memory types supported by processor	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speeds supported by processor	1333,1600 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory bandwidth supported by processor (max)	25.6 GB/s	Processor package size	37.5 x 37.5 mm
ECC supported by processor	✗	Supported instruction sets	AVX, SSE4.1, SSE4.2
Memory		CPU configuration (max)	1
Internal memory *	8 GB	Graphics & IMC lithography	22 nm
Internal memory type	DDR3-SDRAM	Thermal solution specification	PCG 2011D
Memory channels	Dual-channel	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	1.06 TB	Intel Secure Key Technology version	1.00
Optical drive type *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Number of HDDs installed	1	Intel TSX-NI version	0.00
HDD capacity	1 TB	Intel Dual Display Capable Technology	✗
Number of SSDs installed	1	Intel Rapid Storage Technology	✗
SSD capacity	64 GB	Processor ARK ID	65719
Card reader integrated	✓	Intel® Turbo Boost Technology	2.0
Compatible memory cards	CF, Memory Stick (MS), MicroDrive, microSD (TransFlash), miniSD, MMC, MS Duo, MS PRO, MS PRO Duo, SD, SDHC	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
		Intel® Quick Sync Video Technology	✓
Graphics		Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card *	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card family	Intel® HD Graphics	Intel® Anti-Theft Technology (Intel® AT)	✓
On-board graphics card model *	Intel® HD Graphics 4000	Conflict-Free processor	✓
On-board graphics card base frequency	650 MHz	Weight & dimensions	
On-board graphics card dynamic frequency (max)	1150 MHz	Width *	7.87" (200 mm)
Number of displays supported (on-board graphics)	3	Depth *	18.1" (461 mm)
On-board graphics card ID	0x162	Height *	21" (534 mm)
Network		Weight *	23.8 lbs (10.8 kg)
Ethernet LAN *	✓	Display	
Ethernet LAN data rates	10,100,1000 Mbit/s	Display included *	✗
Cabling technology	10/100/1000Base-T(X)	Other features	
Ports & interfaces		Optical drives quantity	1
USB 2.0 ports quantity *	6	Maximum number of SMP processors	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Networking features	Gigabit Ethernet
VGA (D-Sub) ports quantity	1	Graphics card family	Intel
DVI port	✓	Design	
Ethernet LAN (RJ-45) ports	1	Product color *	Black
Microphone in	✓	Performance	
Headphone outputs	1	Motherboard chipset	Intel® H77 Express
Design		Audio output channels	7.1 channels
Product color *	Black	Product type *	PC
Performance			
Motherboard chipset	Intel® H77 Express		
Audio output channels	7.1 channels		
Product type *	PC		

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