

## Samsung 7 NP700G7C Intel® Core™ i7 i7-3610QM Laptop 43,9 cm (17.3") Full HD 16 GB DDR3-SDRAM 1,5 TB HDD NVIDIA® GeForce® GTX 675M Windows 7 Home Premium Black

Brand : Samsung

Product family: 7

Product code: NP700G7C-S01

Product name : NP700G7C



Intel Core i7-3610QM (6M Cache, 2.30 GHz), 16GB DDR3, 1.5TB HDD, 17.3" Full HD 1920 x 1080, NVIDIA GeForce GTX 675M 2GB, Blu-Ray ROM, Gigabit Ethernet, 802.11 a/b/g/n, Bluetooth 4.0, USB 3.0, 3810g, Black, Windows 7 Home Premium

Samsung 7 NP700G7C. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3610QM, Processor frequency: 2,3 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: 1,5 TB, Storage media: HDD, Optical drive type: Blu-Ray ROM. Operating system installed: Windows 7 Home Premium. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	CardBus PCMCIA slot type	✗
Product colour *	Black	SmartCard slot	✗
Form factor *	Clamshell	Headphone connectivity	3.5 mm
Display		Microphone connectivity	3.5 mm
Display diagonal *	43,9 cm (17.3")	Performance	
Display resolution *	1920 x 1080 pixels	Motherboard chipset	Intel HM76 Express
Touchscreen *	✗	Keyboard	
HD type	Full HD	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✓
Native aspect ratio	16:9	Keyboard backlit	✓
Display brightness	400 cd/m²	Full-size keyboard	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Drivers included	✓
Processor generation	3rd gen Intel® Core™ i7	Operating system installed *	Windows 7 Home Premium
Processor model *	i7-3610QM	Processor special features	
Processor cores	4	Intel® Wireless Display (Intel® WiDi)	✓
Processor threads	8	Intel® My WiFi Technology (Intel® MWT)	✓
Processor boost frequency	3,3 GHz	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor frequency *	2,3 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	5 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	6 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	Socket G2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	22 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i7-3600 Mobile series	Intel® Insider™	✓
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	45 W		
Tjunction	105 C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x16, 2x8	Intel® Quick Sync Video Technology	✓
CPU multiplier (bus/core ratio)	23	Intel Flex Memory Access	✓
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	16 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	4x SO-DIMM	Intel Demand Based Switching	✗
Storage		Intel® Secure Key	✓
Total storage capacity *	1,5 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage media *	HDD	Intel 64	✓
Number of hard drives installed	2	Execute Disable Bit	✓
Hard drive capacity	750 GB	Idle States	✓
Hard drive interface	SATA II	Thermal Monitoring Technologies	✓
Hard drive speed	7200 RPM	Processor package size	37.5 x 37.5 (rPGA988B)
Optical drive type *	Blu-Ray ROM	Supported instruction sets	AVX
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, SD, SDHC, xD	Embedded options available	✗
Graphics		Graphics & IMC lithography	22 nm
Discrete graphics card model *	NVIDIA® GeForce® GTX 675M	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR5	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	650 MHz	Intel Fast Memory Access	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	64899
On-board graphics card ID	0x166	Conflict-Free processor	✓
Number of discrete graphics cards	1	Integrated 4G WiMAX	✓
Audio		Battery	
Audio system	HD	Number of battery cells	8
Built-in speaker(s)	✓	Battery capacity *	89 Wh
Number of built-in speakers	2	Power	
Speaker power	2 W	AC adapter power	200 W
Built-in subwoofer	✓	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		DC-in jack	✓
Front camera resolution (numeric)	2 MP	Security	
Network		Cable lock slot	✓
Wi-Fi	✓	Password protection type	BIOS, HDD
Networking features	Gigabit Ethernet	HDD recovery	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g	Weight & dimensions	
Wi-Fi data rate (max)	300 Mbit/s	Width	409,8 mm
Ethernet LAN	✓	Depth	284,8 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	3,29 cm
Bluetooth	✓	Height (rear)	4,98 cm
Bluetooth version	4.0	Weight *	3,81 kg
Cabling technology	10/100/1000Base-T(X)	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces		Packaging content	
DisplayPorts quantity	1	Manual	✓
DVI port	✗	Quick start guide	✓
VGA (D-Sub) ports quantity	1	Other features	
Headphone outputs	1	Infrared data port	✗
S/PDIF out port	✗	Graphics card family	Intel, NVIDIA
Microphone in	✓	Display	LCD
ExpressCard slot	✗	Power supply type	AC/DC
		Ethernet interface type	Fast Ethernet, Gigabit Ethernet

## Catalog Object Cloud



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