

Samsung 5 530U4C-S01ID Intel® Core™ i5 i5-3317U 35.6 cm (14") HD 4 GB DDR3-SDRAM 524 GB HDD+SSD NVIDIA® GeForce® GT 620M Windows 7 Home Premium

Brand : Samsung

Product family: 5

Product code: NP530U4C-S01ID

Product name : 530U4C-S01ID

Intel Core i5-3317M (1.70GHz, 3MB Cache), 4GB DDR3 1600MHz, 500GB SATA 5400rpm HDD + 24GB SSD, 14" TFT LCD HD 1366x768, NVIDIA GeForce GT620M 1GB, DVD SuperMulti DL, Wi-Fi 802.11a/b/g/n, Gigabit Ethernet, Bluetooth 4.0, Webcam 1.3MP, Windows 7 Home Premium 64 bit
Samsung 5 530U4C-S01ID. Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-3317U, Processor frequency: 1.7 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 524 GB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 4000, Discrete graphics card model: NVIDIA® GeForce® GT 620M. Operating system installed: Windows 7 Home Premium



Design		Ports & interfaces	
Form factor *	Clamshell	DVI port	✗
Display		VGA (D-Sub) ports quantity	1
Display diagonal *	35.6 cm (14")	Headphone outputs	1
Display resolution *	1366 x 768 pixels	S/PDIF out port	✗
HD type	HD	Microphone in	✓
LED backlight	✓	Docking connector	✗
Native aspect ratio	16:9	CardBus PCMCIA slot type	✗
Display brightness	300 cd/m²	SmartCard slot	✗
Processor		TV-out	✗
Processor manufacturer *	Intel	Performance	
Processor family *	Intel® Core™ i5	Motherboard chipset	Intel HM76 Express
Processor generation	3rd gen Intel® Core™ i5	Keyboard	
Processor *	i5-3317U	Pointing device	Touchpad
Processor number of cores	2	Numeric keypad *	✗
Processor threads	4	Windows keys	✓
Processor boost frequency	2.6 GHz	Software	
Processor frequency *	1.7 GHz	Operating system architecture	64-bit
System bus data transfer rate	5 GT/s	Operating system installed *	Windows 7 Home Premium
Processor cache	3 MB	Processor special features	
Processor cache type	Smart Cache	Intel Wireless Display (WiDi) Technology	✓
Processor socket	BGA 1023	Intel My WiFi Technology	✓
Processor lithography	22 nm	Intel Anti-Theft Technology	✓
Processor operating modes	64-bit	Intel Identity Protection Technology	✓
Processor series	Intel Core i5-3300 Mobile series	Intel Hyper-Threading Technology	✓
Processor codename	Ivy Bridge	Intel Turbo Boost Technology	2.0
Bus type	DMI	Enhanced Intel SpeedStep Technology	✓
FSB Parity	✗	Intel Clear Video HD Technology	✓
Stepping	L1	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	17 W	Intel® InTru™ 3D Technology	✓
Tjunction	105 °C	Intel® Insider™	✓
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors supported	1		

Processor		Processor special features	
CPU multiplier (bus/core ratio)	17	Intel® Quick Sync Video Technology	✓
ECC supported by processor	✗	Intel Flex Memory Access	✓
Memory		Intel® Smart Cache	✓
Internal memory *	4 GB	Intel AES New Instructions	✓
Internal memory type	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	1600 MHz	Intel Enhanced Halt State	✓
Memory slots	1x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	4 GB	Intel Demand Based Switching	✗
Storage		Intel® Secure Key	✓
Total storage capacity *	524 GB	Intel Clear Video Technology for MID	✗
Storage media *	HDD+SSD	Intel 64	✓
Number of hard drives installed	1	Execute Disable Bit	✓
Hard drive capacity	500 GB	Idle States	✓
Hard drive interface	SATA II	Thermal Monitoring Technologies	✓
Hard drive rotational speed	5400 RPM	Processor package size	31.0 x 24.0 mm
Number of SSDs installed	1	Supported instruction sets	AVX
Solid-state drive capacity	24 GB	Processor code	SR0N8
Optical drive type *	DVD Super Multi DL	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MMC, SD, SDHC, SDXC	Graphics & IMC lithography	22 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 620M	Intel Identity Protection Technology version	1.00
Discrete graphics memory type	GDDR3	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	350 MHz	Intel Fast Memory Access	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Processor ARK ID	65707
On-board graphics card ID	0x166	Conflict-Free processor	✓
Number of discrete graphics cards	1	Integrated 4G WiMAX	✓
Audio		Battery	
Audio system	HDA	Number of battery cells	8
Built-in speakers	✓	Battery capacity *	45.3 Wh
Number of built-in speakers	2	Energy Management	
Speaker power	2 W	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✗
Front camera resolution (numeric)	1.3 MP	Password protection type	BIOS
Optical Drive		Weight & Dimensions	
Optical drive interface	SATA	Width	333 mm
Network		Depth	229.5 mm
Wi-Fi	✓	Height	20.9 mm
Networking features	Gigabit Ethernet, WLAN	Weight *	1.81 kg
Wi-Fi standards	802.11a, 802.11b, 802.11g	Packaging Content	
Wi-Fi data rate (max)	300 Mbit/s	AC adapter bundled *	✓
Ethernet LAN connection	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	Infrared data port	✗
Bluetooth	✓	Graphics card family	Intel, NVIDIA
Bluetooth version	4.0	3D compatibility	✗
Cabling technology	10/100/1000Base-T(X)		
Ports & interfaces			
USB 2.0 ports quantity *	1		

Ports & interfaces		Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Display	LCD
Ethernet LAN (RJ-45) ports quantity	1	Hard disk drive, user password	✓
HDMI ports quantity *	1	Number of products included	1 pc(s)
		Ethernet interface type	Gigabit Ethernet
		NVIDIA Optimus technology	✓

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.