

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

Article code: NP530U4C-S01ID

Product name : 530U4C-S01ID

Samsung 5 530U4C-S01ID. Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: 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	S/PDIF out port	✗
Display		Microphone in	✓
Display diagonal *	35,6 cm (14")	Docking connector	✗
Display resolution *	1366 x 768 pixels	CardBus PCMCIA slot type	✗
HD type	HD	SmartCard slot	✗
LED backlight	✓	TV-out	✗
Native aspect ratio	16:9	Performance	
Display brightness	300 cd/m²	Motherboard chipset	Intel HM76 Express
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i5	Numeric keypad *	✗
Processor generation	3rd gen Intel® Core™ i5	Windows keys	✓
Processor model *	i5-3317U	Software	
Processor cores	2	Operating system architecture	64-bit
Processor threads	4	Operating system installed *	Windows 7 Home Premium
Processor boost frequency	2,6 GHz	Processor special features	
Processor frequency *	1,7 GHz	Intel® Wireless Display (Intel® WiDi)	✓
System bus rate	5 GT/s	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cache	3 MB	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cache type	Smart Cache	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor socket	BGA 1023	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography	22 nm	Intel® Turbo Boost Technology	2.0
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i5-3300 Mobile series	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Ivy Bridge	Intel Clear Video Technology	✗
Bus type	DMI	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Stepping	L1		
Thermal Design Power (TDP)	17 W		
Tjunction	105 °C		
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 (Intel® AES-NI)	✓
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 Mobile Internet Devices (Intel CVT for MID)	✗
Storage media *	HDD+SSD	Intel 64	✓
Number of HDDs installed	1	Execute Disable Bit	✓
HDD capacity	500 GB	Idle States	✓
HDD interface	SATA II	Thermal Monitoring Technologies	✓
HDD speed	5400 RPM	Processor package size	31.0 x 24.0 mm
Number of SSDs installed	1	Supported instruction sets	AVX
SSD 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 speaker(s)	✓	Battery capacity *	45,3 Wh
Number of built-in speakers	2	Power	
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 included *	✓
Ethernet LAN	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	Infrared data port	✗
Bluetooth	✓		
Bluetooth version	4.0		
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	Graphics card family	Intel, NVIDIA
Ethernet LAN (RJ-45) ports	1	3D	✗
HDMI ports quantity *	1	Display	LCD
DVI port	✗	HDD user password	✓
VGA (D-Sub) ports quantity	1	Number of products included	1 pc(s)
Headphone outputs	1	Ethernet interface type	Gigabit Ethernet
		NVIDIA Optimus technology	✓

Catalog Object Cloud



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