

## 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 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                        | Headphone outputs                                        | 1                      |
| Display                             |                                  | S/PDIF out port                                          | ✗                      |
| Display diagonal *                  | 35,6 cm (14")                    | Microphone in                                            | ✓                      |
| Display resolution *                | 1366 x 768 pixels                | Docking connector                                        | ✗                      |
| HD type                             | HD                               | CardBus PCMCIA slot type                                 | ✗                      |
| LED backlight                       | ✓                                | SmartCard slot                                           | ✗                      |
| Native aspect ratio                 | 16:9                             | TV-out                                                   | ✗                      |
| Display brightness                  | 300 cd/m²                        | Performance                                              |                        |
| Processor                           |                                  | Motherboard chipset                                      | Intel HM76 Express     |
| Processor manufacturer *            | Intel                            | Keyboard                                                 |                        |
| Processor family *                  | Intel® Core™ i5                  | Pointing device                                          | Touchpad               |
| Processor generation                | 3rd gen Intel® Core™ i5          | Numeric keypad *                                         | ✗                      |
| Processor model *                   | i5-3317U                         | Windows keys                                             | ✓                      |
| Processor cores                     | 2                                | Software                                                 |                        |
| Processor threads                   | 4                                | Operating system architecture                            | 64-bit                 |
| Processor boost frequency           | 2,6 GHz                          | Operating system installed *                             | Windows 7 Home Premium |
| Processor frequency *               | 1,7 GHz                          | Processor special features                               |                        |
| System bus rate                     | 5 GT/s                           | Intel® Wireless Display (Intel® WiDi)                    | ✓                      |
| Processor cache                     | 3 MB                             | Intel® My WiFi Technology (Intel® MWT)                   | ✓                      |
| Processor cache type                | Smart Cache                      | Intel® Anti-Theft Technology (Intel® AT)                 | ✓                      |
| Processor socket                    | BGA 1023                         | Intel® Identity Protection Technology (Intel® IPT)       | ✓                      |
| Processor lithography               | 22 nm                            | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓                      |
| Processor operating modes           | 64-bit                           | Intel® Turbo Boost Technology                            | 2.0                    |
| Processor series                    | Intel Core i5-3300 Mobile series | Enhanced Intel SpeedStep Technology                      | ✓                      |
| Processor codename                  | Ivy Bridge                       | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✓                      |
| Bus type                            | DMI                              | Intel Clear Video Technology                             | ✗                      |
| FSB Parity                          | ✗                                | Intel® InTru™ 3D Technology                              | ✓                      |
| 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® Insider™                                                               | ✓              |
| ECC supported by processor                     | ✗                         | Intel® Quick Sync Video Technology                                            | ✓              |
| Memory                                         |                           | Intel Flex Memory Access                                                      | ✓              |
| Internal memory *                              | 4 GB                      | Intel® Smart Cache                                                            | ✓              |
| Internal memory type                           | DDR3-SDRAM                | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓              |
| Memory clock speed                             | 1600 MHz                  | Intel Trusted Execution Technology                                            | ✗              |
| Memory slots                                   | 1x SO-DIMM                | Intel Enhanced Halt State                                                     | ✓              |
| Maximum internal memory *                      | 4 GB                      | Intel VT-x with Extended Page Tables (EPT)                                    | ✓              |
| Storage                                        |                           | Intel Demand Based Switching                                                  | ✗              |
| Total storage capacity *                       | 524 GB                    | Intel® Secure Key                                                             | ✓              |
| Storage media *                                | HDD+SSD                   | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗              |
| Number of hard drives installed                | 1                         | Intel 64                                                                      | ✓              |
| Hard drive capacity                            | 500 GB                    | Execute Disable Bit                                                           | ✓              |
| Hard drive interface                           | SATA II                   | Idle States                                                                   | ✓              |
| Hard drive speed                               | 5400 RPM                  | Thermal Monitoring Technologies                                               | ✓              |
| Number of SSDs installed                       | 1                         | Processor package size                                                        | 31.0 x 24.0 mm |
| Solid-state drive capacity                     | 24 GB                     | Supported instruction sets                                                    | AVX            |
| Optical drive type *                           | DVD Super Multi DL        | Processor code                                                                | SR0N8          |
| Card reader integrated                         | ✓                         | CPU configuration (max)                                                       | 1              |
| Compatible memory cards                        | MMC, SD, SDHC, SDXC       | Embedded options available                                                    | ✗              |
| Graphics                                       |                           | Graphics & IMC lithography                                                    | 22 nm          |
| Discrete graphics card model *                 | NVIDIA® GeForce® GT 620M  | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓              |
| Discrete graphics memory type                  | GDDR3                     | Intel Identity Protection Technology version                                  | 1,00           |
| On-board graphics card *                       | ✓                         | Intel Secure Key Technology version                                           | 1,00           |
| Discrete graphics card *                       | ✓                         | Intel Virtualization Technology (VT-x)                                        | ✓              |
| On-board graphics card family                  | Intel® HD Graphics        | Intel Dual Display Capable Technology                                         | ✓              |
| On-board graphics card model *                 | Intel® HD Graphics 4000   | Intel FDI Technology                                                          | ✓              |
| On-board graphics card base frequency          | 350 MHz                   | Intel Rapid Storage Technology                                                | ✗              |
| On-board graphics card dynamic frequency (max) | 1050 MHz                  | Intel Fast Memory Access                                                      | ✓              |
| On-board graphics card ID                      | 0x166                     | Processor ARK ID                                                              | 65707          |
| Number of discrete graphics cards              | 1                         | Conflict-Free processor                                                       | ✓              |
| Audio                                          |                           | Integrated 4G WiMAX                                                           | ✓              |
| Audio system                                   | HDA                       | Battery                                                                       |                |
| Built-in speaker(s)                            | ✓                         | Number of battery cells                                                       | 8              |
| Number of built-in speakers                    | 2                         | Battery capacity *                                                            | 45,3 Wh        |
| Speaker power                                  | 2 W                       | Power                                                                         |                |
| Built-in microphone                            | ✓                         | DC-in jack                                                                    | ✓              |
| Camera                                         |                           | Security                                                                      |                |
| Front camera resolution (numeric)              | 1,3 MP                    | Cable lock slot                                                               | ✗              |
| Optical drive                                  |                           | Password protection type                                                      | BIOS           |
| Optical drive interface                        | SATA                      | Weight & dimensions                                                           |                |
| Network                                        |                           | Width                                                                         | 333 mm         |
| Wi-Fi                                          | ✓                         | Depth                                                                         | 229,5 mm       |
| Networking features                            | Gigabit Ethernet, WLAN    | Height                                                                        | 20,9 mm        |
| Wi-Fi standards                                | 802.11a, 802.11b, 802.11g | Weight *                                                                      | 1,81 kg        |
| Wi-Fi data rate (max)                          | 300 Mbit/s                | Packaging content                                                             |                |
| Ethernet LAN                                   | ✓                         | AC adapter included *                                                         | ✓              |
| Ethernet LAN data rates                        | 10,100,1000 Mbit/s        |                                                                               |                |
| 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 | Infrared data port          | ✗                |
| Ethernet LAN (RJ-45) ports                        | 1 | Graphics card family        | Intel, NVIDIA    |
| HDMI ports quantity *                             | 1 | 3D                          | ✗                |
| DVI port                                          | ✗ | Display                     | LCD              |
| VGA (D-Sub) ports quantity                        | 1 | HDD user password           | ✓                |
|                                                   |   | 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.