SAMSUNG

Samsung 5 NP530U3C Intel® Core™ i3 i3-3217U Laptop 13.3" 2 GB DDR3-SDRAM 524 GB HDD+SSD Windows 8 Silver

Brand : Samsung

Product family: 5

Article code: NP530U3C-AA1CN

Product name : NP530U3C

Samsung 5 NP530U3C. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-3217U, Processor frequency: 1.8 GHz. Display diagonal: 13.3", Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 524 GB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8. Product color: Silver. Weight: 3.35 lbs (1.52 kg)

Design

Product type *	Laptop
Product color *	Silver
Form factor *	Clamshell

Display

Display diagonal *	13.3"
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9
Display surface	Gloss

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	3rd gen Intel® Core™ i3
Processor model *	i3-3217U
Processor cores	2
Processor threads	4
Processor frequency *	1.8 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i3-3200 Mobile Series
Processor codename	Ivy Bridge
Bus type	DMI
FSB Parity	✘
Stepping	L1
Thermal Design Power (TDP)	17 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16

Performance

Motherboard chipset	Intel HM76 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Full-size keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Rapid Start Technology	✘
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔

Processor

PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	18
ECC supported by processor	✗

Memory

Internal memory *	2 GB
Internal memory type	DDR3-SDRAM

Storage

Total storage capacity *	524 GB
Storage media *	HDD+SSD
Number of HDDs installed	1
HDD capacity	500 GB
HDD speed	5400 RPM
Number of SSDs installed	1
SSD capacity	24 GB
Optical drive type *	✗
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4000
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
On-board graphics card ID	0x166

Audio

Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1.3 MP

Network

Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g
Wi-Fi data rate (max)	300 Mbit/s
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
Combo headphone/mic port	✔
Docking connector	✗

Processor special features

Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31 x 24 mm
Supported instruction sets	AVX
Processor code	SR0N9
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Identity Protection Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	65697
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	45 Wh

Power

AC adapter power	40 W
AC adapter input voltage	100 - 240 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington

Weight & dimensions

Width	12.4" (315.1 mm)
Depth	8.62" (218.9 mm)
Height (front)	0.587" (1.49 cm)
Height (rear)	0.693" (1.76 cm)
Weight *	3.35 lbs (1.52 kg)

Packaging content

AC adapter included *	✔

Other features

LightScribe	✗

Ports & interfaces	
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘

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