

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		Performance	
Product type *	Laptop	Motherboard chipset	Intel HM76 Express
Product color *	Silver	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✗
Display diagonal *	13.3"	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Display surface	Gloss	Operating system installed *	Windows 8
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i3	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	3rd gen Intel® Core™ i3	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor model *	i3-3217U	Intel® Rapid Start Technology	✗
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	1.8 GHz	Intel® Turbo Boost Technology	✗
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Processor socket	BGA 1023	Intel® InTru™ 3D Technology	✓
Processor lithography	22 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i3-3200 Mobile Series	Intel Flex Memory Access	✓
Processor codename	Ivy Bridge	Intel® Smart Cache	✓
Bus type	DMI		
FSB Parity	✗		
Stepping	L1		
Thermal Design Power (TDP)	17 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	2.0	Intel® AES New Instructions (Intel® AES-NI)	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Trusted Execution Technology	✗
CPU multiplier (bus/core ratio)	18	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	2 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	524 GB	Idle States	✓
Storage media *	HDD+SSD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	31 x 24 mm
HDD capacity	500 GB	Supported instruction sets	AVX
HDD speed	5400 RPM	Processor code	SR0N9
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	24 GB	Embedded options available	✗
Optical drive type *	✗	Graphics & IMC lithography	22 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	SD, SDHC, SDXC	Intel Identity Protection Technology version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel Dual Display Capable Technology	✓
On-board graphics card *	✓	Intel FDI Technology	✓
Discrete graphics card *	✗	Intel Rapid Storage Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✓
On-board graphics card model *	Intel® HD Graphics 4000	Processor ARK ID	65697
On-board graphics card base frequency	350 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Integrated 4G WiMAX	✓
On-board graphics card ID	0x166	Battery	
Audio		Battery technology	Lithium Polymer (LiPo)
Built-in microphone	✓	Battery capacity *	45 Wh
Camera		Power	
Front camera	✓	AC adapter power	40 W
Front camera resolution (numeric)	1.3 MP	AC adapter input voltage	100 - 240 V
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Wi-Fi standards	802.11a, 802.11b, 802.11g	Cable lock slot	✓
Wi-Fi data rate (max)	300 Mbit/s	Cable lock slot type	Kensington
Ethernet LAN	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width	12.4" (315.1 mm)
Bluetooth	✓	Depth	8.62" (218.9 mm)
Bluetooth version	4.0	Height (front)	0.587" (1.49 cm)
Ports & interfaces		Height (rear)	0.693" (1.76 cm)
USB 2.0 ports quantity *	2	Weight *	3.35 lbs (1.52 kg)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	LightScribe	✗
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		
Combo headphone/mic port	✓		
Docking connector	✗		

Ports & interfaces

ExpressCard slot	×
CardBus PCMCIA slot type	×
SmartCard slot	×

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