

Samsung 3 NP300E5C Intel® Celeron® B815 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 320 GB HDD Windows 7 Home Premium Hitam, Perak



Brand : Samsung

Product family: 3

Product code: NP300E5C-A03IT

Product name : NP300E5C

Samsung 3 NP300E5C. Faktor bentuk: Kulit kerang. Keluarga prosesor: Intel® Celeron®, Model prosesor: B815, Frekuensi prosesor: 1,6 GHz. Diagonal layar: 39,6 cm (15.6"), Tipe HD: HD, Resolusi layar: 1366 x 768 piksel. Memori internal: 4 GB, Tipe memori internal: DDR3-SDRAM. Total kapasitas penyimpanan: 320 GB, Media penyimpanan: HDD, Tipe drive optikal: DVD Super Multi DL. Model adaptor grafis pada papan induk: Intel® HD Graphics. Sistem operasi yang terpasang: Windows 7 Home Premium. Warna produk: Hitam, Perak

Design		Performance	
Product colour *	Black, Silver	Motherboard chipset	Intel® HM70 Express
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1366 x 768 pixels	Full-size keyboard	✓
Touchscreen *	✗	Windows keys	✓
HD type	HD	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 7 Home Premium
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✗
Processor family *	Intel® Celeron®	Intel® My WiFi Technology (Intel® MWT)	✗
Processor model *	B815	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	2	Intel® Turbo Boost Technology	✗
Processor frequency *	1.6 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor cache	2 MB	Intel Clear Video Technology	✗
Processor cache type	L3	Intel® InTru™ 3D Technology	✗
Processor socket	Socket 988	Intel® Insider™	✗
Processor lithography	32 nm	Intel® Quick Sync Video Technology	✗
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor series	Intel Celeron Processor B800 Series for Mobile	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor codename	Sandy Bridge	Intel Trusted Execution Technology	✗
Bus type	DMI	Intel Enhanced Halt State	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✗
Stepping	Q0	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	35 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Tjunction	100 °C	Intel 64	✓
Maximum number of PCI Express lanes	16	Execute Disable Bit	✓
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors supported	1		
Maximum number of SMP processors	1		
CPU multiplier (bus/core ratio)	16		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1333 MHz	Processor package size	37.5x37.5 (rPGA988B)
Memory layout (slots x size)	1 x 4 GB	Supported instruction sets	SSE4.1, SSE4.2
Memory slots	2x SO-DIMM	Processor code	SR0HZ
Memory slots (available)	1	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	320 GB	Graphics & IMC lithography	32 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Virtualization Technology (VT-x)	✓
HDD capacity	320 GB	Intel Dual Display Capable Technology	✓
HDD interface	SATA II	Intel FDI Technology	✓
HDD speed	5400 RPM	Intel Rapid Storage Technology	✗
HDD size	2.5"	Intel Fast Memory Access	✓
Optical drive type *	DVD Super Multi DL	Processor ARK ID	63919
Card reader integrated	✓	Conflict-Free processor	✗
Compatible memory cards	SD, SDHC, SDXC	Integrated 4G WiMAX	✗
Graphics		Battery	
On-board graphics card *	✓	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics	Power auto-sensing	✓
On-board graphics card base frequency	650 MHz	DC-in jack	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Security	
Audio		Cable lock slot	✓
Audio system	HD	Fingerprint reader	✗
Built-in speaker(s)	✓	Trusted Platform Module (TPM)	✗
Number of built-in speakers	2	Password protection type	BIOS, HDD
Speaker power	1.5 W	Weight & dimensions	
Built-in microphone	✓	Width	367.9 mm
Network		Depth	243 mm
Wi-Fi	✓	Height (front)	2.9 cm
Wi-Fi standards	802.11g, Wi-Fi 4 (802.11n)	Height (rear)	3.49 cm
Ethernet LAN	✓	Weight *	2.3 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Bluetooth	✓	AC adapter included *	✓
Bluetooth version	4.0	Cables included	AC
Networking standards	IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u	Manual	✓
Ports & interfaces		Quick start guide	✓
USB 2.0 ports quantity *	3	Other features	
Ethernet LAN (RJ-45) ports	1	Infrared data port	✗
HDMI ports quantity *	1	Graphics card family	Intel
DVI port	✗	3D	✗
VGA (D-Sub) ports quantity	1	Swivel webcam	✗
Headphone outputs	1	Wake-on-LAN ready	✓
S/PDIF out port	✗	Ethernet interface type	Gigabit Ethernet
Microphone in	✓	Volume control	Digital
ExpressCard slot	✗	HD-Ready	✓
CardBus PCMCIA slot type	✗	Internal modem	✗
SmartCard slot	✗		
Headphone connectivity	3.5 mm		
Microphone connectivity	3.5 mm		



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