

Samsung 3 NT300E5K Intel® Core™ i3 i3-5005U Laptop 39,6 cm (15.6") Full HD 4 GB DDR3L-SDRAM 128 GB SSD Windows 10 Home White

Brand : Samsung Product family: 3 Article code: NT300E5K-K31L

Product name : NT300E5K

Samsung 3 NT300E5K. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-5005U, Processor frequency: 2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 128 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 10 Home. Product color: White

Design		Keyboard	
Product type *	Laptop	Windows keys	✓
Product color *	White	Software	
Form factor *	Clamshell	Drivers included	✓
Display		Operating system installed *	Windows 10 Home
Display diagonal *	39,6 cm (15.6")	Processor special features	
Display resolution *	1920 x 1080 pixels	Intel® Wireless Display (Intel® WiDi)	✓
Touchscreen *	✗	Intel® Smart Response Technology	✓
HD type	Full HD	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	✗
Processor		Intel® Small Business Advantage (Intel® SBA)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	5th gen Intel® Core™ i3	Intel Clear Video Technology	✓
Processor model *	i3-5005U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor frequency *	2 GHz	Intel Flex Memory Access	✓
System bus rate	5 GT/s	Intel® Smart Cache	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1168	Intel Enhanced Halt State	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	32-bit, 64-bit	Intel® Secure Key	✓
Processor series	Intel Core i3-5000 Mobile series	Intel TSX-NI	✗
Processor codename	Broadwell	Intel Stable Image Platform Program (SIPP)	✗
Bus type	DMI2	Intel® OS Guard	✓
Stepping	F0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Thermal Design Power (TDP)	15 W	Intel 64	✓
Configurable TDP-down	10 W	Execute Disable Bit	✓
Configurable TDP-down frequency	0,6 GHz	Idle States	✓
Tjunction	105 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		
PCI Express configurations	2x4, 4x1		
Memory			
Internal memory *	4 GB		
Internal memory type	DDR3L-SDRAM		
Memory clock speed	1600 MHz		
Memory form factor	SO-DIMM		

Memory		Processor special features	
Memory layout (slots x size)	1 x 4 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	40 x 24x 1.3 mm
Total storage capacity *	128 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	SSD	Processor code	SR27G
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	128 GB	Embedded options available	✗
Optical drive type *	✗	Graphics & IMC lithography	14 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Identity Protection Technology version	1,00
On-board graphics card *	✓	Intel Smart Response Technology version	1,00
Discrete graphics card *	✗	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1,00
On-board graphics card model *	Intel® HD Graphics 5500	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card base frequency	300 MHz	Intel TSX-NI version	0,00
On-board graphics card dynamic frequency (max)	850 MHz	Intel Virtualization Technology (VT-x)	✓
Maximum on-board graphics card memory	16 GB	Intel FDI Technology	✓
On-board graphics card DirectX version	11.2	Intel Fast Memory Access	✓
On-board graphics card ID	0x1616	Processor ARK ID	84695
Audio		Conflict-Free processor	✓
Number of built-in speakers	2	Battery	
Speaker power	1,5 W	Battery capacity *	43 Wh
Built-in microphone	✓	Power	
Camera		AC adapter power	40 W
Front camera	✓	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Trusted Platform Module (TPM)	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	375 mm
Ethernet LAN data rates	10,100 Mbit/s	Depth	248 mm
Bluetooth	✓	Height	24,8 mm
Bluetooth version	4.0	Weight *	1,9 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Manual	✓
Ethernet LAN (RJ-45) ports	1	Quick start guide	✓
HDMI ports quantity *	1	Warranty card	✓
DVI port	✗	Power cord included	✓
Combo headphone/mic port	✓		
Docking connector	✗		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		

Catalog Object Cloud



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