

Alienware Area-51 Intel® Core™ i7 X-series i7-5930K 16 GB DDR4-SDRAM 4.26 TB HDD+SSD NVIDIA® GeForce® GTX 970 Windows 10 Home Tower PC Black, Silver

Brand : Alienware

Product code: DPCWC03BC

Product name : Area-51

Intel Core i7-5930K (15M Cache, 3.50 GHz), 16GB DDR4 2133MHz, 4TB SATA HDD, 256GB SSD, Dual nVidia GeForce GTX 970 4GB, DVD Super Multi DL, Gigabit LAN, WLAN, Bluetooth, Windows 10 Home 64-bit

Alienware Area-51. Processor frequency: 3.5 GHz, Processor family: Intel® Core™ i7 X-series, Processor model: i7-5930K. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 4.26 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi DL. Discrete graphics card model: NVIDIA® GeForce® GTX 970. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Power supply: 850 W. Chassis type: Tower. Product type: PC



Processor		Design	
Processor manufacturer *	Intel	Placement supported	Vertical
Processor family *	Intel® Core™ i7 X-series	Cable lock slot	✓
Processor generation	5th gen Intel® Core™ i7	Cable lock slot type	Kensington
Processor model *	i7-5930K	Product color *	Black, Silver
Processor cores	6	Performance	
Processor threads	12	Motherboard chipset	Intel® X99
Processor boost frequency	3.7 GHz	Audio system	Creative Sound Core 3D
Processor frequency *	3.5 GHz	Audio output channels	5.1 channels
Processor socket	LGA 2011-v3	Password protection	✓
Processor cache	15 MB	Product type *	PC
Processor cache type	Smart Cache	Software	
System bus rate	0 GT/s	Operating system architecture	64-bit
Bus type	QPI	Operating system installed *	Windows 10 Home
FSB Parity	✗	Drivers included	✓
Processor lithography	22 nm	Processor special features	
Processor operating modes	64-bit	Intel® Wireless Display (Intel® WiDi)	✗
Processor series	Intel Core i7-5900 Desktop Series	Intel 64	✓
Processor codename	Haswell E	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	140 W	Embedded options available	✗
Tcase	66.8 °C	Intel® InTru™ 3D Technology	✗
PCI Express slots version	3.0	Intel® Insider™	✗
Maximum number of PCI Express lanes	40	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Number of processors installed	1	Intel Clear Video Technology	✗
Stepping	R2		
Maximum internal memory supported by processor	64 GB		
Memory types supported by processor	DDR4-SDRAM		

Processor		Processor special features	
Memory clock speeds supported by processor	1333,1600,2133 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory bandwidth supported by processor (max)	68 GB/s	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	16 GB	Intel Trusted Execution Technology	✗
Maximum internal memory *	32 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Intel HD Graphics	✗
Memory layout (slots x size)	4 x 4 GB	Intel FDI Technology	✗
Memory slots	4x DIMM	Intel Flex Memory Access	✗
Memory clock speed	2133 MHz	Intel Fast Memory Access	✗
Memory channels	Quad-channel	Intel® Smart Cache	✓
Storage		Intel Enhanced Halt State	✓
Total storage capacity *	4.26 TB	Intel Demand Based Switching	✗
Storage media *	HDD+SSD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Optical drive type *	DVD Super Multi DL	Processor package size	52.5 x 45.0 mm
Number of storage drives installed	1	Supported instruction sets	SSE4.2, AVX 2.0, AES
Number of HDDs installed	1	Processor code	SR20R
HDD capacity	4 TB	Scalability	1S
HDD interface	SATA III	CPU configuration (max)	1
HDD speed	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD size	3.5"	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	256 GB	Intel Smart Response Technology version	1.00
Card reader integrated	✓	Intel Dual Display Capable Technology	✗
Compatible memory cards	Memory Stick (MS), MMC+, MS PRO, MS PRO Duo, SD, SDHC, SDIO, MMC, SDXC	Intel Rapid Storage Technology	✗
Graphics		Processor ARK ID	82931
On-board graphics card *	✗	Intel® Smart Response Technology	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 970	Intel® Turbo Boost Technology	2.0
Discrete graphics card memory	4 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Discrete graphics memory type	GDDR5	Intel® Quick Sync Video Technology	✗
Number of discrete graphics cards	2	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card model *	Not available	Intel® Identity Protection Technology (Intel® IPT)	✓
Graphics card Open GL support	✓	Intel® Anti-Theft Technology (Intel® AT)	✗
NVIDIA G-SYNC	✓	Conflict-Free processor	✓
NVIDIA GameWorks VR	✓	Power	
CUDA	✓	Power supply *	850 W
CUDA cores	1664	Power supply input voltage	100 - 240 V
Graphics card HDMI ports quantity	1	Power supply input frequency	50 - 60 Hz
Graphics card DisplayPorts quantity	3	Operational conditions	
Graphics card DVI-I ports quantity	1	Operating temperature (T-T)	5 - 35 °C
Network		Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN *	✓	Operating relative humidity (H-H)	10 - 90%
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage relative humidity (H-H)	0 - 95%
Cabling technology	10/100/1000Base-T(X)	Operating altitude	-15.24 - 3048 m
Wi-Fi *	✓	Non-operating altitude	-15.24 - 10668 m
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width *	639 mm
Bluetooth	✓		
Bluetooth version	4.0		
Ports & interfaces			
USB 2.0 ports quantity *	4		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6		

Ports & interfaces		Weight & dimensions	
DVI port	✗	Depth *	272.7 mm
Ethernet LAN (RJ-45) ports	1	Height *	569.2 mm
Microphone in	✓	Weight *	28 kg
Headphone outputs	1	Packaging content	
Line-out	✓	Mouse included	✗
Line-in	✓	Keyboard included	✗
S/PDIF out port	✓	Cables included	AC
Expansion slots		Manual	✓
PCI Express x1 (Gen 2.x) slots	1	AC adapter included	✓
PCI Express x4 (Gen 2.x) slots	1	Display	
PCI Express x16 (Gen 3.x) slots	3	Display included *	✗
Design		Other features	
Chassis type *	Tower	Optical drives quantity	1
		Intel® Virtualization Technology (Intel® VT)	VT-x, VT-d

Catalog Object Cloud



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