

Alienware x51 Intel® Core™ i7 i7-4770 8 GB DDR3-SDRAM 1.26 TB HDD+SSD NVIDIA® GeForce® GTX 670 Windows 8 Escritorio PC Negro

Marca : Alienware

Código del producto: AX51I7_S825BW8CH

Nombre del producto : x51

Intel Core i7-4470M, 8GB DDR3 1600MHz, NVIDIA GeForce GTX 670M, 256GB SSD SATA3, 1TB HDD SATA2 5400rpm, Bluetooth 4.0, WiFi
 Alienware x51. Frecuencia del procesador: 3.4 GHz, Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-4770. Memoria interna: 8 GB, Tipo de memoria interna: DDR3-SDRAM, Velocidad de memoria del reloj: 1600 MHz. Capacidad total de almacenaje: 1.26 TB, Unidad de almacenamiento: HDD+SSD, Tipo de unidad óptica: Blu-Ray DVD Combo. Modelo de gráficos en tarjeta: Intel® HD Graphics 4600, Modelo de adaptador de gráficos discretos: NVIDIA® GeForce® GTX 670. Sistema operativo instalado: Windows 8, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 240 W. Tipo de producto: PC



Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel® H87
Processor family *	Intel® Core™ i7	Audio system	WAVES MAXX
Processor generation	4th gen Intel® Core™ i7	Audio output channels	7.1 channels
Processor model *	i7-4770	Product type *	PC
Processor cores	4	Software	
Processor threads	8	Operating system installed *	Windows 8
Processor boost frequency	3.9 GHz	Operating system architecture	64-bit
Processor frequency *	3.4 GHz	Operating system language	Spanish
Processor socket	LGA 1150 (Socket H3)	Processor special features	
Processor cache	8 MB	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cache type	Smart Cache	Intel® Wireless Display (Intel® WiDi)	✓
System bus rate	5 GT/s	Intel 64	✓
Bus type	DMI2	Enhanced Intel SpeedStep Technology	✓
FSB Parity	✗	Embedded options available	✗
Processor lithography	22 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i7-4700 Desktop series	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Haswell	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	84 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tcase	72.72 °C	Intel TSX-NI	✗
PCI Express slots version	3.0	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Stable Image Platform Program (SIPP)	✓
Number of processors installed	1	Intel® AES New Instructions (Intel® AES-NI)	✓
Number of QPI links	1	Intel® Secure Key	✓
Stepping	C0		
Maximum internal memory supported by processor	32 GB		
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	1333,1600 MHz		

Processor		Processor special features	
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Trusted Execution Technology	✓
Memory voltage supported by processor	1.5 V	Execute Disable Bit	✓
Memory		Intel FDI Technology	✓
Internal memory *	8 GB	Intel Flex Memory Access	✗
Maximum internal memory *	16 GB	Intel Fast Memory Access	✗
Internal memory type	DDR3-SDRAM	Intel® Smart Cache	✓
Memory layout (slots x size)	2 x 4 GB	Intel Enhanced Halt State	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Non-ECC	✓	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory channels	Dual-channel	Processor package size	37.5 x 37.5 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	1.26 TB	Processor code	SR149
Storage media *	HDD+SSD	Scalability	1S
Optical drive type *	Blu-Ray DVD Combo	CPU configuration (max)	1
HDD capacity	1 TB	Graphics & IMC lithography	22 nm
HDD interface	SATA II	Thermal solution specification	PCG 2013D
HDD speed	5400 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD size	2.5"	Intel Identity Protection Technology version	1.00
SSD capacity	256 GB	Intel Stable Image Platform Program (SIPP) version	1.00
SSD interface	SATA II	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel TSX-NI version	0.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 670	Intel Dual Display Capable Technology	✗
Discrete graphics card memory	2 GB	Intel Rapid Storage Technology	✗
Discrete graphics memory type	GDDR5	Processor ARK ID	75122
On-board graphics card family	Intel® HD Graphics	Intel® Smart Response Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel® Rapid Start Technology	✗
On-board graphics card base frequency	350 MHz	Intel® Turbo Boost Technology	2.0
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Smart Connect Technology	✗
Maximum on-board graphics card memory	2 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Number of displays supported (on-board graphics)	3	Intel® Quick Sync Video Technology	✓
On-board graphics card DirectX version	11.2/12	Intel® My WiFi Technology (Intel® MWT)	✓
On-board graphics card OpenGL version	4.3	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card ID	0x412	Intel® Anti-Theft Technology (Intel® AT)	✓
Maximum graphics card memory	1.7 GB	Conflict-Free processor	✓
Network		Power	
Ethernet LAN *	✓	Power supply *	240 W
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Wi-Fi *	✓	Width *	341 mm
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Depth *	318 mm
Wi-Fi standards	Wi-Fi 4 (802.11n)	Height *	343 mm
Bluetooth	✓	Weight *	2.77 kg
Bluetooth version	4.0	Packaging content	
Ports & interfaces		Mouse included	✓
USB 2.0 ports quantity *	6	Keyboard included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
DVI port	✓		
HDMI ports quantity *	1		

Ports & interfaces		Display	
HDMI version	1.4	Display included *	✗
Ethernet LAN (RJ-45) ports	1	Other features	
Microphone in	✓	Optical drives quantity	1
Headphone outputs	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
S/PDIF out port	✓		
Design			
Chassis type *	Desktop		
Placement supported	Horizontal/Vertical		
Water cooling system	✗		
Product colour *	Black		

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