



**DELL Inspiron 5720 Intel® Core™ i7 i7-3612QM 43.9 cm (17.3")
HD+ 6 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 630M
Windows 7 Home Premium Black, Silver**

Brand : DELL

Product family: Inspiron

Product code: INSAUD1717

Product name : 5720

Intel Core i7-3612QM Processor (6M Cache, up to 3.10 GHz), Intel HM77, 17.3" (1600 x 900), 6GB DDR3 1600MHz, 500GB SATA HDD 5400rpm, nVidia GeForce GT 630M DDR3 1GB, DVD Super Multi, Fast Ethernet, WLAN 802.11 b/g/n, Bluetooth, WebCam, Windows 7 Home Premium 64-bit
DELL Inspiron 5720. Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3612QM, Processor frequency: 2.1 GHz. Display diagonal: 43.9 cm (17.3"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Home Premium. Product colour: Black, Silver



Design		Performance	
Product colour *	Black, Silver	Motherboard chipset	Intel HM77 Express
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	43.9 cm (17.3")	Numeric keypad *	✓
Display resolution *	1600 x 900 pixels	Windows keys	✓
HD type	HD+	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Drivers included	✓
Processor		Operating system installed *	Windows 7 Home Premium
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i7-3612QM	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.1 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2.1 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	6 MB	Intel Clear Video Technology	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	Socket 1224	Intel® Insider™	✓
Processor lithography	22 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor series	Intel Core i7-3600 Mobile series	Intel® Smart Cache	✓
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	E1		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
Number of processors supported	1	Intel VT-x with Extended Page Tables (EPT)	✓
CPU multiplier (bus/core ratio)	21	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	6 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory layout (slots x size)	1 x 2 + 1 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	31.0 x 24.0 (BGA1224)
Maximum internal memory *	8 GB	Supported instruction sets	AVX
Storage		Processor code	SR0MR
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	22 nm
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1.00
HDD speed	5400 RPM	Intel Secure Key Technology version	1.00
HDD size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD Super Multi	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, MSXC, SD, SDHC, SDXC	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 630M	Processor ARK ID	64901
Discrete graphics memory type	GDDR3	Conflict-Free processor	✓
On-board graphics card *	✓	Integrated 4G WiMAX	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card model *	Intel® HD Graphics 4000	Number of battery cells	6
On-board graphics card base frequency	650 MHz	Battery capacity *	48 Wh
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
On-board graphics card ID	0x166	DC-in jack	✓
Number of discrete graphics cards	1	Security	
Audio		Cable lock slot	✓
Audio system	MaxxAudio	Cable lock slot type	Kensington
Built-in speaker(s)	✓	Weight & dimensions	
Number of built-in speakers	2	Width	416.8 mm
Built-in subwoofer	✓	Depth	276 mm
Built-in microphone	✓	Height (front)	3.17 cm
Camera		Height (rear)	3.71 cm
Front camera resolution (numeric)	1 MP	Width (imperial)	41.7 cm (16.4")
Network		Depth (imperial)	27.6 cm (10.9")
Wi-Fi	✓	Height (front) (imperial)	3.15 cm (1.24")
Networking features	Fast Ethernet, WLAN	Height (rear) (imperial)	3.71 cm (1.46")
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight *	3.24 kg
Ethernet LAN	✓	Packaging content	
Ethernet LAN data rates	10,100 Mbit/s	AC adapter included *	✓
Bluetooth	✓		
Cabling technology	10/100Base-T(X)		

Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Manual	✓
Ethernet LAN (RJ-45) ports	1	Warranty card	✓
HDMI ports quantity *	1	Other features	
HDMI version	1.4a	Infrared data port	✗
DVI port	✗	Graphics card family	Intel, NVIDIA
VGA (D-Sub) ports quantity	1	Type	PC
Headphone outputs	1	Power supply type	AC/DC
S/PDIF out port	✗	Number of products included	1 pc(s)
Microphone in	✓	Ethernet interface type	Fast Ethernet
ExpressCard slot	✗	Floppy drive installed	✗
CardBus PCMCIA slot type	✗	Number of speakers	2
SmartCard slot	✗		
Headphone connectivity	3.5 mm		
Microphone connectivity	3.5 mm		

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