



XFx Part Numbers:  
MB-N680-ILT



# nForce® 680i LT SLI™

1333MHz FSB DDR2 800 Motherboard

CPU Socket Type  
**Socket 775**  
Formfactor  
**Full ATX**  
Processor Type  
**Intel**



DESIGNED FOR  
**INTEL SOCKET 775**

**NVIDIA® nForce® 680i LT SLI™ MCP is engineered for the extreme gamer.** Featuring award-winning NVIDIA nForce 680i SLI performance, true dual x16 PCI Express slots with support for NVIDIA SLI™ technology, and best-in-class overclocking, the NVIDIA nForce 680i LT SLI motherboard delivers extreme gaming performance at a great price.

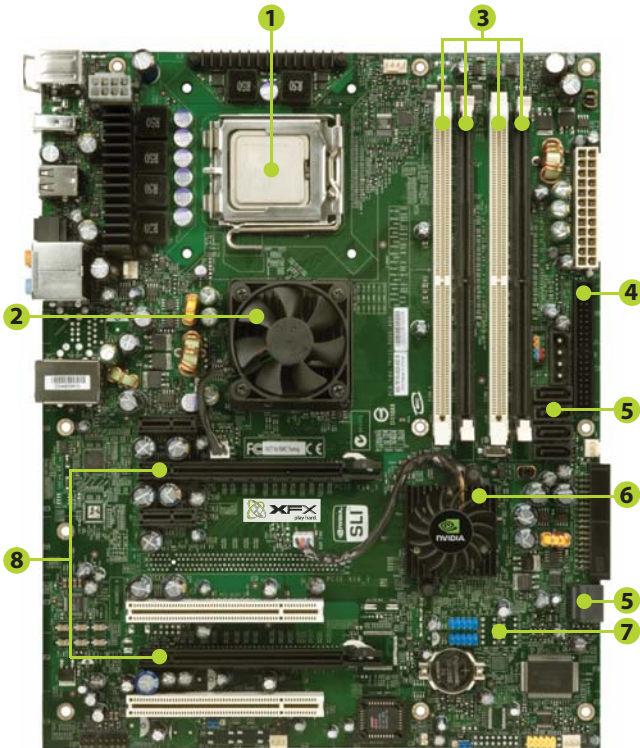
- 1333MHz FSB achieves up to 22% faster performance\*
- Up to 19% better performance in PCMark05\*
- Fully support all Socket 775 including Intel Core 2 Quad Processors
- Features NVIDIA SLI memory enhancement
- Premium High Definition Audio brings you home theater audio experience
- XFX NVIDIA powered graphics card compatibility

\*Performance of XFX 680i SLI motherboard compared with Intel 975 and Intel 965 chipset motherboards



# nForce® 680i LT SLI™

1333MHz FSB DDR2 800 Motherboard



1. Socket 775 support FSB of 1333 MHz
2. NVIDIA SPP with Active fan (North Bridge)
3. DDR2 DIMM Slots supporting SLI-Ready Memory w/ EPP up to 800 MHz
4. IDE Connector
5. Serial-ATA II 3GB/s
6. NVIDIA Multimedia and Communication Processor (South Bridge)
7. USB 2.0 Headers
8. True PCI Express x16 slots/NVIDIA SLI Technology

## High-Speed Memory

Support high-speed SLI-Ready memory up to DDR2-800 to keep pace with overclocked systems components.

## High Definition Audio (HDA)

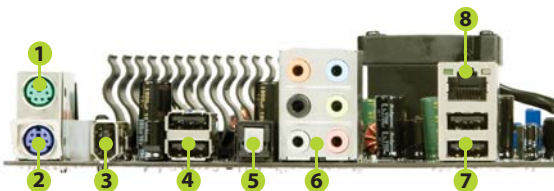
High definition audio brings consumer electronics quality sound to the PC delivering high quality sound from multiple channels. Using HDA, systems can deliver 192 kHz/32-bit quality for eight channels, supporting new audio formats.

## NVIDIA® nTune Utility

Suite of features that safeguards your most important digital media assets; always reliable, scalable, and accessible. Includes RAID and SATA drive support.

## TCP/IP Acceleration

TCP/IP Acceleration delivers the highest system performance by offloading CPU-intensive packet filtering tasks in hardware, providing users a faster PC networking environment.



1. PS/2 Mouse Port
2. PS/2 Keyboard Port
3. 1394a (Firewire) Port
4. USB 2.0 ports (2)
5. SPDIF output
6. 8-Channel High Definition Audio
7. USB 2.0 Ports (2)
8. Gigabit Ethernet Port

## nForce® 680i LT SLI™

|                      |   |
|----------------------|---|
| Model Number         | MB-N680-ILT   |
| Package Contents     | Installation Manual, Quick Install and Reference Guide, Driver CD, 1394a Cable (1 port), USB 2.0 Cable (4 ports), SATA Data Cable x2, IDE Cable, Floppy Cable, SATA Power Cable, SLI Bridge, I/O Shield |
| CPU Socket Type      | Socket 775  |
| CPU Type             | Core 2 Extreme, Core 2 Quad, Core 2 Duo, Pentium EE, Pentium D9XX, Pentium D8XX   |
| Chipset              | NVIDIA nForce 680i LT SLI MCP   |
| FSB                  | 1333Mhz FSB   |
| System Memory        | 240-pin DDR2 up to 8GB (4)  |
| Expansion Slots      | PCI-E x16 (2), PCI-E x1 (2), PCI (2)  |
| SATA port            | SATA II ports (6)   |
| LAN                  | Gigabit LAN cards   |
| IEEE 1394 (Firewire) | 1394a (2)   |
| USB                  | USB 2.0 ports (8)   |
| Audio                | 8-channel integrated HDA sound card   |
| Dimensions           | Full-size ATX (12"x 9.6")   |

[www.XFXforce.com](http://www.XFXforce.com)



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