



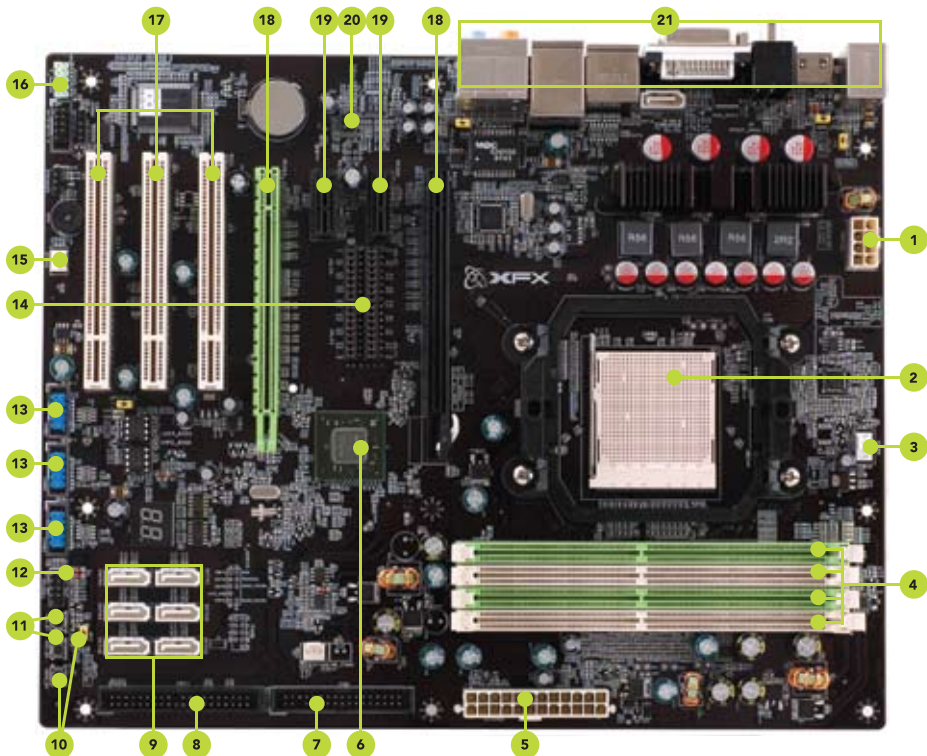
XFX

play hard.

750a SLI™ nFORCE
MOTHERBOARD

Quick Install Guide

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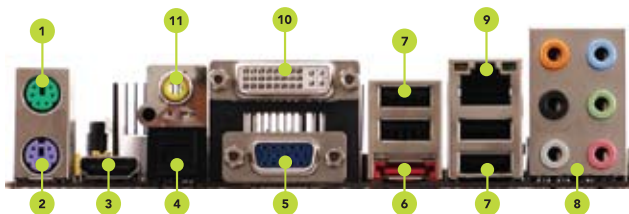


MOTHERBOARD

- | | | |
|----------------------------------|----------------------------------|---------------------------------|
| 1. 8-pin ATX 12V power connector | 8. EIDE Connector | 15. Fan Header |
| 2. CPU Socket | 9. Serial-ATA connectors | 16. Front panel Audio connector |
| 3. CPU fan connector | 10. Clear CMOS button and jumper | 17. PCI slots |
| 4. DDR DIMM Slots 1-4 | 11. Power and Reset button | 18. PCI Express 2.0 slot |
| 5. 24-pin ATX power connector | 12. Front panel connector | 19. PCI Express x1 slot |
| 6. NVIDIA MCP with Heatpipe | 13. USB headers | 20. SPDIF connector |
| 7. Floppy drive connector | 14. SLI Jumpers | 21. Rear Panel connectors |

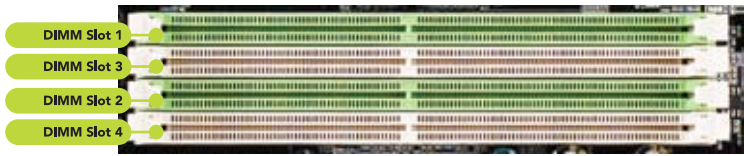
REAR PANEL

1. PS/2 Mouse Port
2. PS/2 Keyboard Port
3. HDMI
4. SPDIF Out
5. VGA
6. eSATA
7. USB 2.0 ports (Four)
9. LAN Port with LEDs to indicate status
10. DVI
11. SPDIF In



8. Audio Configuration	Port	2-Channel	4-Channel ¹	6 or 8-Channel
Blue	Line-In	Line-In	Line-In	Line-In
Green	Line-Out	Front Speaker Out	Front Speaker Out	Front Speaker Out
Pink	Mic In	Mic In	Mic In	Mic In
Orange				Center/Subwoofer
Black			Rear Speaker Out	Rear Speaker Out

- Yellow/Light Up/Blink = 10 Mbps/Link/Activity
- Yellow and Green/Light Up/Blink = 100 Mbps/Link/Activity
- Green/Light Up/Blink = 1000 Mbps/Link/Activity

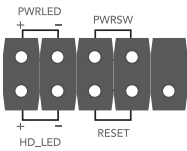


DIMM SLOTS

Memory Configuration

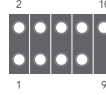
	Configuration	DIMM1	DIMM2	DIMM3	DIMM4
Single Channel	1	Populated			
	2		Populated		
	3			Populated	
	4				Populated
Dual Channel	5	Populated	Populated		
	6			Populated	Populated
	7	Populated	Populated	Populated	Populated

Front Panel Header Pins



LABEL	PIN	DESCRIPTION
HD_LED	1	Hard Disk Activity LED
	3	
PWRLED	2	Front Panel Power LED
	4	
RESET	5	Reset Switch
	7	
PWRSW	6	Power Switch
	8	
No Connection	9	
Empty	10	

USB Header



PIN	SIGNAL	PIN	SIGNAL
1	5V_Dual	2	5V_Dual
3	D 0-	4	D 1-
5	D 0+	6	D 1+
7	GND	8	GND
9	No Connect	10	Empty

Front Panel Audio Connector



PIN	SIGNAL	Description
1	Mic	Microphone input signal
2	GND	Ground
3	MIC-PWR	Microphone power
4	NC	Not Used
5	Line Out R	Right channel audio signal to front panel
6	NC	Not Used
7	NC	Not Used
8	Key	Empty
9	Line Out L	Left channel audio signal to front panel
10	NC	Not Used

Clear CMOS



Dual BIOS

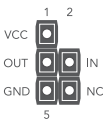


Normal Operation



Clear CMOS

SPDIF Connector



PIN	SIGNAL
1	+5V
2	Empty
3	Audio Out
4	Audio In
5	Ground
6	No Connection

HDMI_EN



DVI output enable

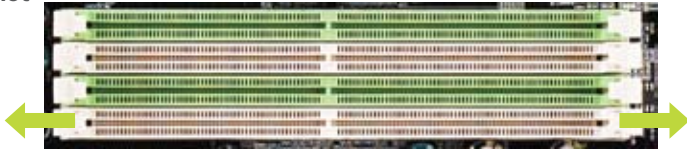


HDMI output enable

INSTALLING MEMORY

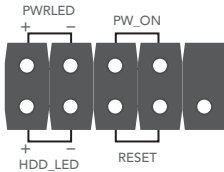


DIMM Slot



- 1 Unlock a DIMM slot by pressing the module clips outward.
- 2 Match the notch on the memory with the notch on the DIMM slot. Align the memory module to the DIMM slot, and insert the module vertically into the DIMM slot. The plastic clips on both sides of the DIMM slot automatically lock the DIMM into the connector.

CONNECTING FRONT PANEL HEADER



PWRLED – Front Panel Power LED
PWRSW – Power Switch

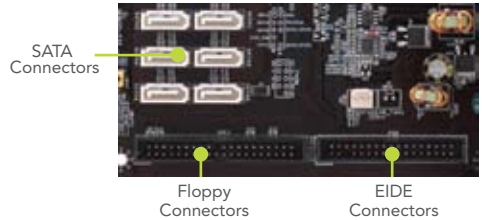
HD_LED – Hard Disk Activity LED
RESET – Reset Switch

Note: In general white and black wires are the negative leads (-) and the other colored wires are the positive (+) leads. LED will not work if the negative and positive leads are plugged in backwards.

CONNECTING DISK DRIVES

These connectors are for peripherals such as floppy drive, hard disk drives, and optical drives. (i.e. DVD-ROM, CD-ROMS, etc)

Note: Disk drive cables are designed to fit in these connectors in only one orientation.

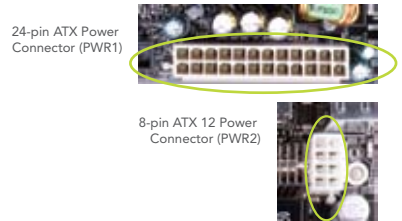


POWER CONNECTION

This motherboard requires an ATX power supply.

Note: Power supply cables are designed to fit the motherboard power connectors in only one orientation.

- For general motherboard setup, make sure the 24-pin ATX power connector, and the 8-pin 12V power connector are properly connected to the power supply.



INSTALLING THE CPU



- 1 Unhook the socket lever by pushing down and away from the socket.



- 2 Align the processor above the socket such that the gold triangle on the CPU matches the triangle on the socket.

Align notches with notches on the CPU.



- 3 Lower the processor straight down into the socket without tilting or sliding it into the socket.
- 4 There are many different fan types that can be used with this motherboard. Follow the instructions that came with your fan assembly. Be sure that the fan orientation is correct for your chassis type and your fan assembly.

Please refer to the manufacturers' installation manual when installing any devices (i.e. graphics boards, hard disk drives, optical drives, etc.) to the motherboard.

*The quick guides are used only for reference, please refer to the user guide for detailed installation procedures.