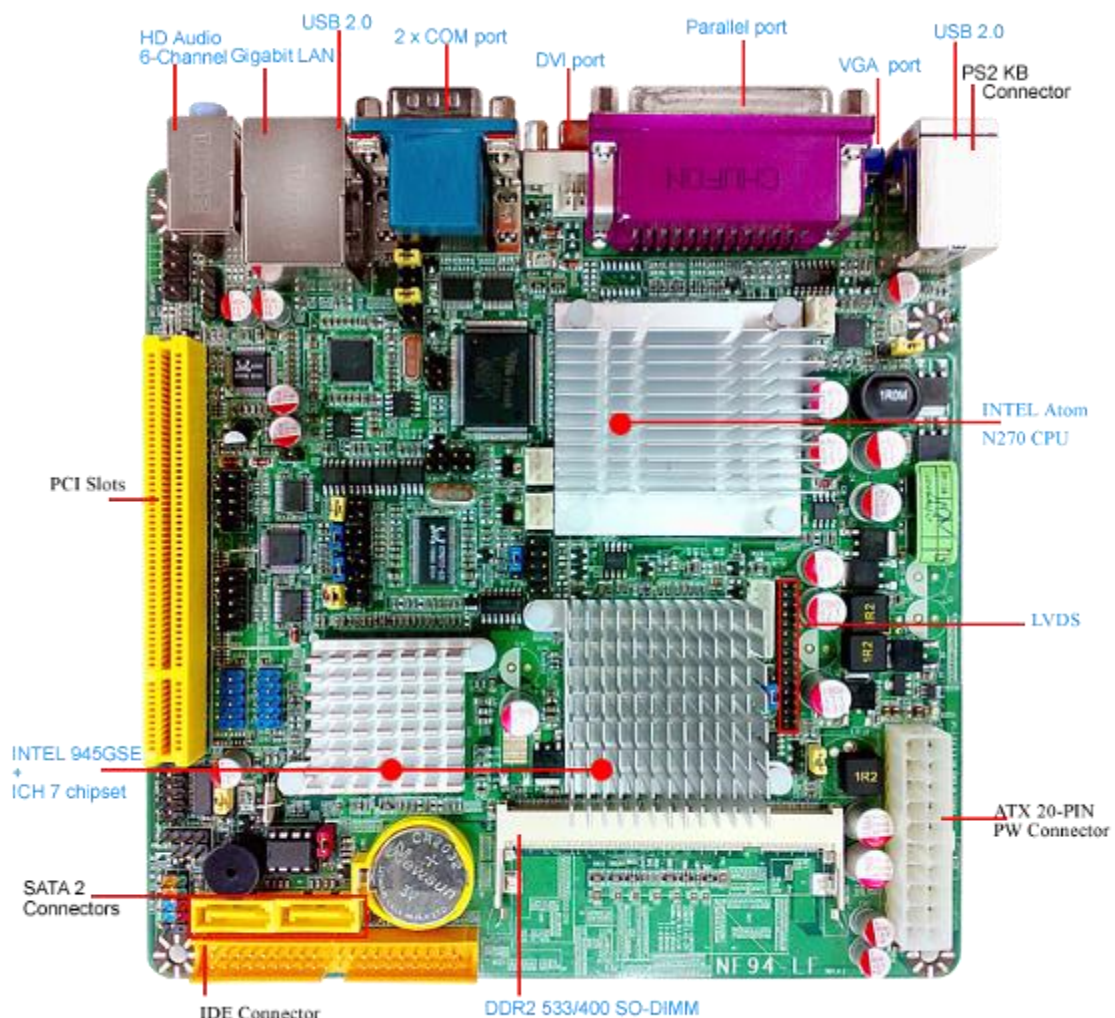
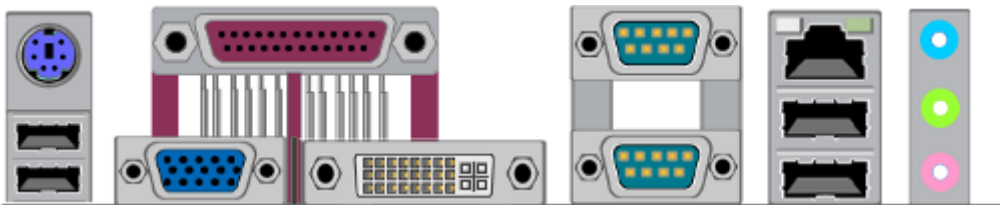


Mainboard Diagram



NF94-LF (Intel Diamondville)

1. INTEL[®] 945GSE + ICH7M Chipset
2. Support INTEL[®] Atom N270 CPU (45nm, 512K Cache, 1.60 GHz, 533 MHz FSB)
3. Build-in INTEL[®] GMA 950 Graphics Core
4. Integrated LVDS support 18-bit TFT LCD
5. Supports 1x Gigabit LAN
6. Integrated ALC662 HD Audio CODEC with 6-CH
7. Mini-ITX Form Factor (17cm x 17cm)



Board Specifications

■ CPU	<ul style="list-style-type: none"> ■ INTEL[®] Atom N270 CPU (45nm,512K Cache, 1.60 GHz, 533 MHz FSB)
■ Chipset	<ul style="list-style-type: none"> ■ INTEL[®] 945GSE + ICH7M chipset ■ Build-in INTEL[®] GMA 950 Graphics Core(Share Memory Size: 128/224MB) ■ Front Side Bus 533MHz
■ Memory	<ul style="list-style-type: none"> ■ 1 * SO-DIMM Sockets for un-buffered Single Channel DDR2 533/400 SDRAM up to 2 GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 1 * PCI slot
■ Storage	<ul style="list-style-type: none"> ■ 2 * Serial ATA2 3Gb/s connectors ■ 1 * Floppy connector ■ 1 * Ultra DMA 100 / 66 IDE connector
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RTL8111C PCI-E Gigabit Ethernet LAN
■ LVDS	<ul style="list-style-type: none"> ■ Onboard 18-bit dual channel LVDS connector
■ USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0/1.1
■ Special Features	<ul style="list-style-type: none"> ■ Intel Diamondville Platform ■ Support ACPI S3 ■ Support CPU Smart FAN ■ Support DC FAN
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * Keyboard connector ■ 1 * RJ-45 port ■ 3 * Audio I/O ports (Line-in, MIC and line-out) ■ 1 * VGA port ■ 2 * COM port ■ 1 * Parallel port ■ 1 * DVI port
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0/1.1 headers for 4 USB 2.0 ports ■ NB / Chassis Fan connectors; ■ 1 * 20-pin ATX Power connector ■ 1 * LVDS header ■ 1 * TV-OUT header ■ 1 * HDTV-OUT header ■ 2 * COM header support RS-422/285 ■ 1 * AUDIO header
■ BIOS	<ul style="list-style-type: none"> ■ Award 8MB SPI/DIP Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ■ Mini ITX Form Factor(17cmx17cm)