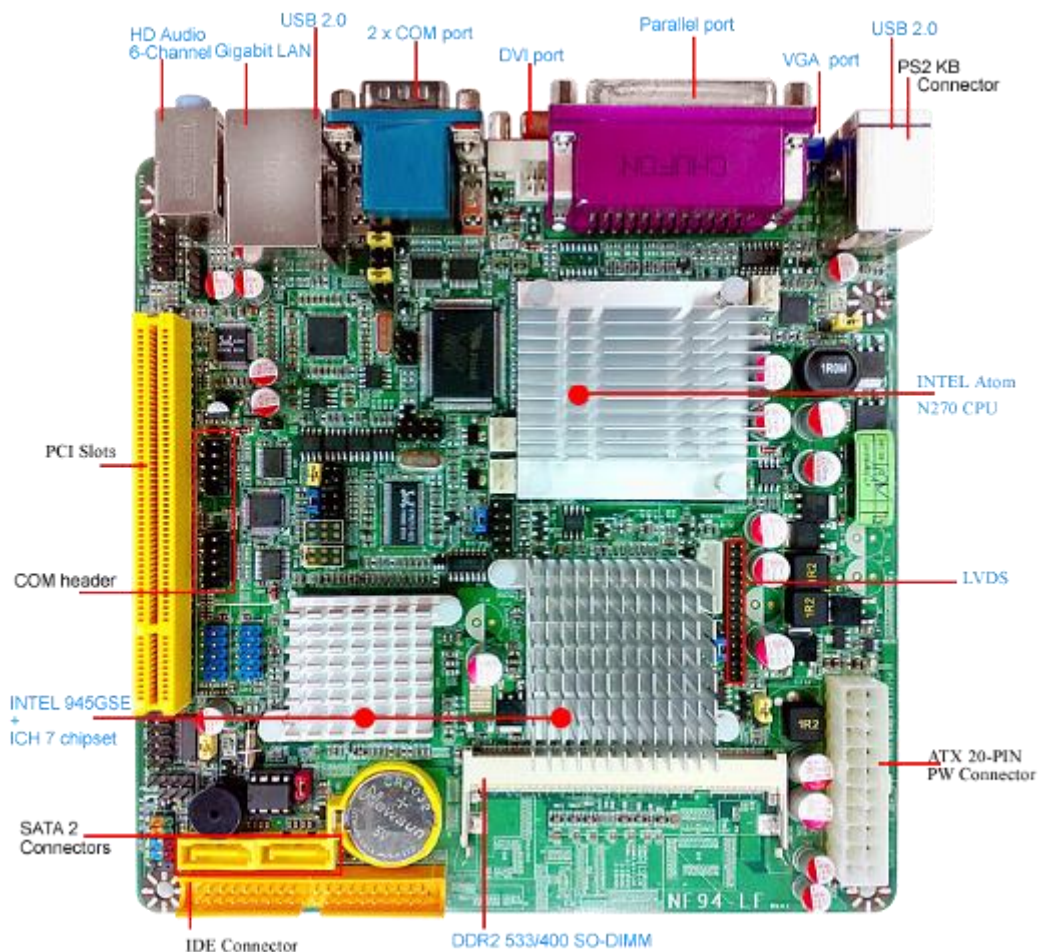
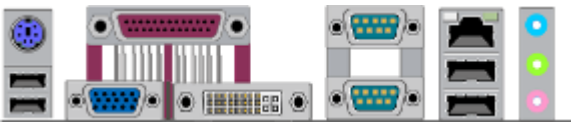


Mainboard Diagram



NF94-270-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	■ INTEL® Atom N270 CPU (45nm, 512K Cache, 1.60 GHz, 533 MHz FSB)
■ Chipset	<ul style="list-style-type: none"> ■ INTEL® 945GSE + ICH7M chipset ■ Built-in INTEL® GMA 950 Graphics Core (Share Memory Size: 128/224MB) ■ Front Side Bus 533MHz
■ Memory	■ 1 * SO-DIMM Sockets for un-buffered Single Channel DDR2 533/400 SDRAM up to 2 GB
■ Expansion Slots	■ 1 * PCI slot
■ Storage	<ul style="list-style-type: none"> ■ 2 * Serial ATA2 3Gb/s connectors ■ 1 * Ultra DMA 100 / 66 IDE connector
■ Audio	■ Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	■ Realtek RTL8111C PCI-E Gigabit Ethernet LAN
■ LVDS	■ Onboard 18-bit dual channel LVDS connector
■ USB	■ 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 for RS-232 ■ 1 * Parallel port ■ 1 * DVI-D 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 * 32-pin LVDS header & 1 * TV-OUT header & 1 * HDTV-OUT header ■ 2 * COM header (COM3 for RS-232 and COM4 for RS-422/485) ■ 1 * AUDIO header
■ BIOS	■ Award 8MB SPI/DIP Flash ROM
■ Form Factor	■ Mini ITX Form Factor(170mm x 170mm)
■ Functional	■ ATM, Automation, Medical Equipment, Security, Networking, POS, General Application, Gaming Machine, Transportation, Thin Client, Nettop
■ Certificate	■ CE, FCC, RoHS
■ Temperature	<ul style="list-style-type: none"> ■ Operating within 0~60 centigrade ■ Storage within -20-85 centigrade

*The Specification may be changed without further notice.