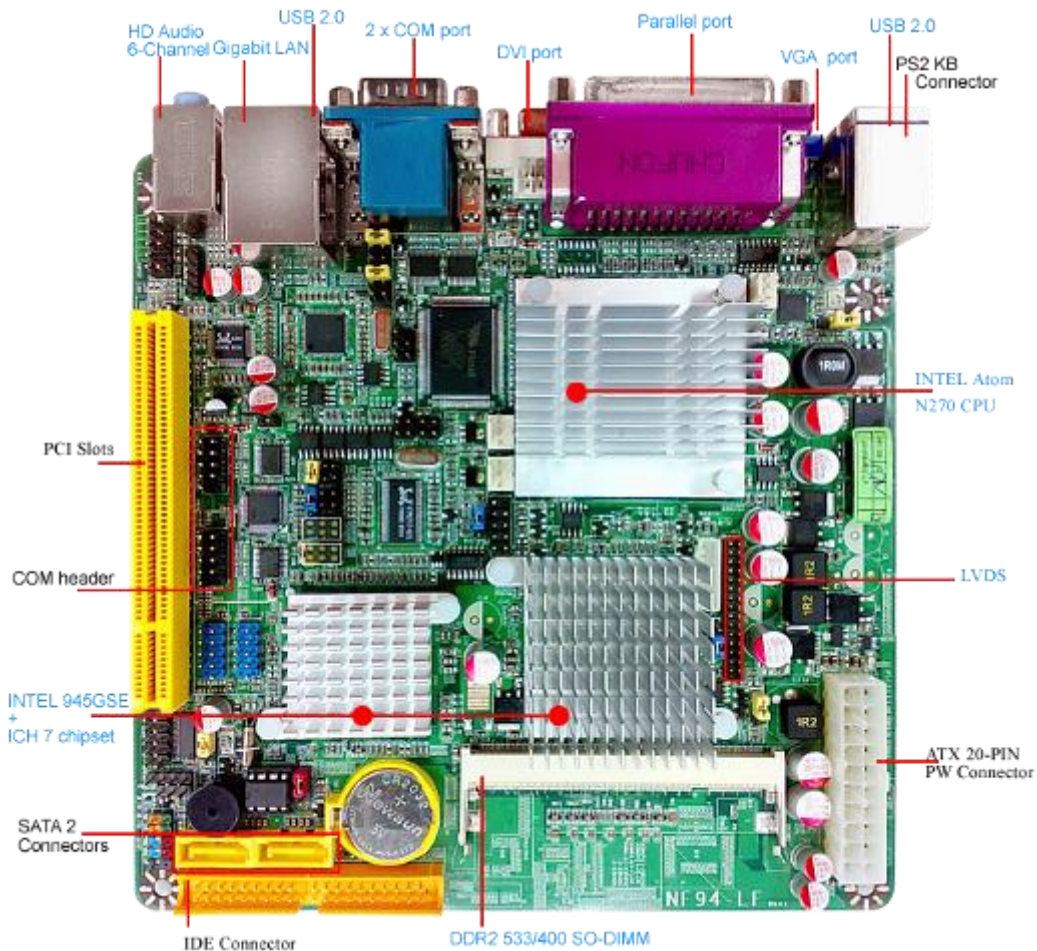
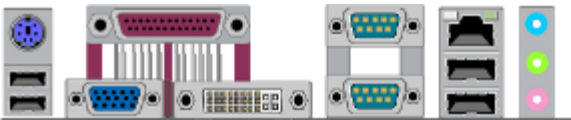




# NF94-270-LF

## (Intel Diamondville)

1. INTEL<sup>®</sup> 945GSE + ICH7M Chipset
2. Support INTEL<sup>®</sup> Atom N270 CPU (45nm, 512K Cache, 1.60 GHz, 533 MHz FSB)
3. Build-in INTEL<sup>®</sup> 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

■ <b>CPU</b>	■ INTEL <sup>®</sup> Atom N270 CPU (45nm, 512K Cache, 1.60 GHz, 533 MHz FSB)
■ <b>Chipset</b>	■ INTEL <sup>®</sup> 945G SE + ICH7M chipset ■ Built in INTEL <sup>®</sup> GMA 950 Graphics Core (Share Memory Size: 128/224MB) ■ Front Side Bus 533MHz
■ <b>Memory</b>	■ 1 * SO-DIMM Sockets for un-buffered Single Channel DDR2 533/400 SDRAM up to 2 GB
■ <b>Expansion Slots</b>	■ 1 * PCI slot
■ <b>Storage</b>	■ 2 * Serial ATA2 3Gb/s connectors ■ 1 * Ultra DMA 100 / 66 IDE connector
■ <b>Audio</b>	■ Realtek ALC6626 Channel HD Audio CODEC
■ <b>Ethernet LAN</b>	■ Realtek RTL8111C PCI-E Gigabit Ethernet LAN
■ <b>LVDS</b>	■ Onboard 18-bit dual channel LVDS connector
■ <b>USB</b>	■ Embedded 8 * USB 2.0/1.1
■ <b>Special Features</b>	■ Intel Diamondville Platform ■ Support ACPI S3 ■ Support CPU Smart FAN ■ Support DC FAN
■ <b>Rear Panel I / O</b>	■ 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
■ <b>Internal I / O</b>	■ 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
■ <b>BIOS</b>	■ Award 8MB SPI/DIP Flash ROM
■ <b>Form Factor</b>	■ Mini ITX Form Factor(170mm x 170mm)
■ <b>Functional</b>	■ ATM, Automation, Medical Equipment, Security, Networking, POS, General Application, Gaming Machine, Transportation, Thin Client, Nettop
■ <b>Packing</b>	■ Color Box Dimension : 200(W) x 200(D) x 70(H)mm ■ Cases Gross Weight : 15.4KGS ■ Cases Net Weight : 10.3KGS ■ 20 PCS / Cases, Case size : 720(L) x 410(W) x 200(H)mm
■ <b>Certificate</b>	■ CE, FCC, RoHS
■ <b>Temperature</b>	■ Operating within 0~60 centigrade ■ Storage within - 20-85 centigrade

\*For further information please visit the website \*The Specification may be changed without further notice.



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