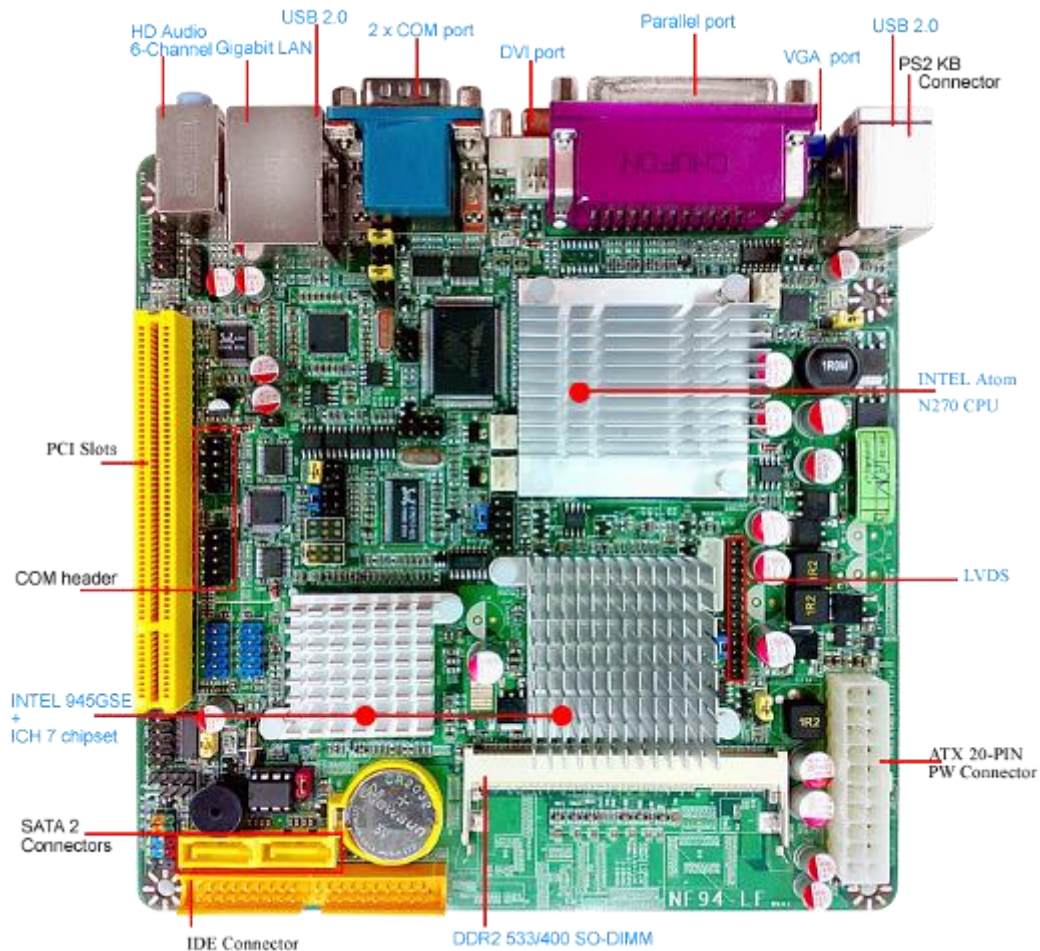
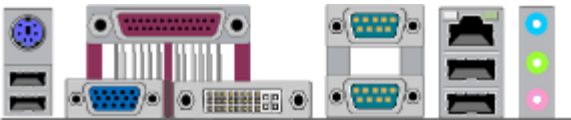


## Mainboard Diagram



### 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>	<ul style="list-style-type: none"> <li>■ INTEL<sup>®</sup> 945GSE + ICH7M chipset</li> <li>■ Built-in INTEL<sup>®</sup> GMA 950 Graphics Core (Share Memory Size: 128/224MB)</li> <li>■ Front Side Bus 533MHz</li> </ul>
■ <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>	<ul style="list-style-type: none"> <li>■ 2 * Serial ATA2 3Gb/s connectors</li> <li>■ 1 * Floppy connector</li> <li>■ 1 * Ultra DMA 100 / 66 IDE connector</li> </ul>
■ <b>Audio</b>	■ Realtek ALC662 6-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>	<ul style="list-style-type: none"> <li>■ Intel Diamondville Platform</li> <li>■ Support ACPI S3</li> <li>■ Support CPU Smart FAN</li> <li>■ Support DC FAN</li> </ul>
■ <b>Rear Panel I / O</b>	<ul style="list-style-type: none"> <li>■ 4 * USB 2.0/1.1 ports</li> <li>■ 1 * Keyboard connector</li> <li>■ 1 * RJ-45 port</li> <li>■ 3 * Audio I/O ports ( Line-in, MIC and line-out )</li> <li>■ 1 * VGA port</li> <li>■ 2 * COM port for RS-232</li> <li>■ 1 * Parallel port</li> <li>■ 1 * DVI-D port</li> </ul>
■ <b>Internal I / O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB 2.0/1.1 headers for 4 USB 2.0 ports</li> <li>■ NB / Chassis Fan connectors;</li> <li>■ 1 * 20-pin ATX Power connector</li> <li>■ 1 * 32-pin LVDS header &amp; 1 * TV-OUT header &amp; 1 * HDTV-OUT header</li> <li>■ 2 * COM header (COM3 for RS-232 and COM4 for RS-422/485)</li> <li>■ 1 * AUDIO header</li> </ul>
■ <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>	<ul style="list-style-type: none"> <li>■ Color Box Dimension : 200(W) x 200(D) x 70(H)mm</li> <li>■ Cases Gross Weight : 15.4KGS</li> <li>■ Cases Net Weight : 10.3KGS</li> <li>■ 20 PCS / Cases, Case size : 720(L) x 410(W) x 200(H)mm</li> </ul>
■ <b>Certificate</b>	■ CE, FCC, RoHS
■ <b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating within 0~60 centigrade</li> <li>■ Storage within -20-85 centigrade</li> </ul>

\*For further information please visit the website at <http://www.jetwaycomputer.com>

\*The Specification may be changed without further notice.



## Product Accessories

G04-MJW121C-F	G03-NF94-LF	G02-CD28-F	G01-HD100-BK-F	G01-SATA-BK-F	F04-176-F
<b>BOX</b> 	<b>Manual</b> 	<b>CD</b> 	<b>IDE Cable</b>  x1	<b>SATA Cable</b>  x2	<b>IO Shield</b> 
<b>G01-S+RGB-MB-F</b>					
<b>HDTV Cable</b> 					