

## Mainboard Diagram



## NC91-330-LF (Intel Diamondville)

1. INTEL<sup>®</sup> 945GC + ICH7 Chipset
2. Support INTEL<sup>®</sup> ATOM 330 Dual Core CPU
3. Support INTEL<sup>®</sup> Hyper-Threading and 64-bit
4. Built-in INTEL<sup>®</sup> GMA 950 Graphics Core
5. Supports PCIE Giga LAN
6. Supports DDR2-533MHz
7. Integrated Serial ATA2 3Gb/s
8. Integrated ALC662 HD Audio CODEC with 6-CH
9. ITX Form Factor (17cm x 17cm)



## Board Specifications

<b>CPU</b>	<ul style="list-style-type: none"> <li>■ INTEL<sup>®</sup> Atom 330 Dual Core CPU (45nm, FSB 533MHz, 1.6 GHz, 1 MB L2)</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>■ INTEL<sup>®</sup> 945GC + ICH7 Chipset</li> <li>■ Built-in INTEL<sup>®</sup> GMA 950 Graphics Core (Share Memory Size:64/128/224MB)</li> <li>■ Front Side Bus 533MHz</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ 1 * 240-pin DIMM Slot</li> <li>■ Supports DDR2 533MHz non-ECC un-buffered memory Max. 2GB</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 1 * PCI slot</li> </ul>
<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>	<ul style="list-style-type: none"> <li>■ Realtek ALC662 HD Audio CODEC with 6-Channel</li> </ul>
<b>Ethernet LAN</b>	<ul style="list-style-type: none"> <li>■ 1 * Realtek RTL8111C PCI-E Gigabit Ethernet LAN</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>■ Embedded 8 * USB 2.0/1.1</li> </ul>
<b>Special Features</b>	<ul style="list-style-type: none"> <li>■ Intel Diamondville Platform</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 * PS/2 Mouse &amp; 1 * Keyboard Combined connector</li> <li>■ 1 * RJ-45 ports</li> <li>■ 1 * Audio I/O ports ( Line-in, Mic and Line-out )</li> <li>■ 1 * VGA port</li> <li>■ 1 * COM port</li> <li>■ 1 * Parallel port for Printer</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>■ 1 * COM header</li> <li>■ NB / Chassis Fan connectors;</li> <li>■ 1 * 20-pin ATX Power connector</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ Award 8MB SPI Flash ROM</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>■ Mini ITX Form Factor(17cmx17cm)</li> </ul>