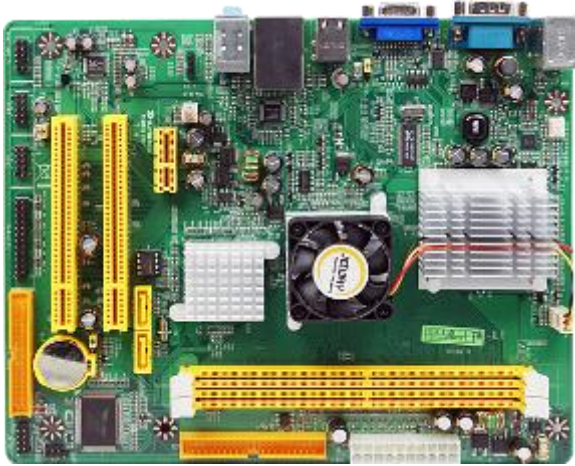


## Mainboard Diagram

## ATOM-GM1-330



1. Intel®945GC Express Chipset +ICH7Chipset
2. Intel® Atom 330 Processors
3. Integrated Intel® GMA 950 GPU
4. Supports Dual Channel DDR2 533/400
5. Integrated 2 \* Serial ATA2 3Gb/s
6. Integrated 10/100m LAN
7. Integrated ALC662 HD Audio CODEC with 6-CH
8. Ready for Windows® Vista™
9. Flex-ATX Form Factor (228mm X 180mm)



## Features and Benefits

### INTEL®Atom™ processor

The Intel® Atom™ processor is Intel's smallest processor, built with the world's smallest transistors and manufactured on Intel's industry-leading 45nm Hi-k Metal Gate technology. The Intel Atom processor was purpose-built for simple, affordable, netbooks and nettops.

### INTEL®945GC Express Chipset and ICH7 Chipset

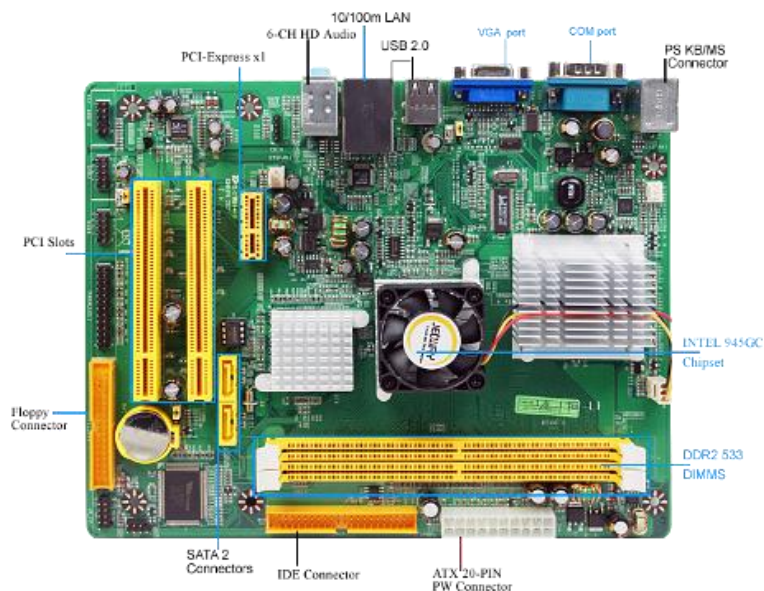
The Intel 945GC Express Chipset which is one of the members of Intel 945 Express Chipset Family that delivers outstanding system performance through high-bandwidth interfaces such as dual-channel DDR2 memory, 667/ 533 MHz system bus, PCI Express\* x16 graphics port at full bandwidth and PCI Express x1 I/O ports, next generation Serial ATA and Hi-Speed USB 2.0 connectivity.

### The new Intel® Graphics Media Accelerator 950

The new Intel® Graphics Media Accelerator 950 (Intel® GMA 950) graphics core is an intelligent and responsive graphics engine built into the chipset that is on the motherboard. This integration provides incredible visual quality.

### Serial ATA2 3Gb/s

This platform supports reliable storage solution for enhanced data protection and data accessing performance. Serial ATA 3Gb/s is firstly introduced in this platform to provide blazingly 3Gb/s bus bandwidth thus higher disk performance.



## Mainboard Specifications

■ <b>CPU</b>	<ul style="list-style-type: none"> <li>■ Embedded Intel® Atom 330 Processors</li> </ul>
■ <b>Chipset</b>	<ul style="list-style-type: none"> <li>■ Intel®945GC Express Chipset + ICH7 Chipset</li> </ul>
■ <b>FSB</b>	<ul style="list-style-type: none"> <li>■ 533MHz</li> </ul>
■ <b>Memory</b>	<ul style="list-style-type: none"> <li>■ Dual Channel DDR2 memory technology</li> <li>■ 2 * 240-pin DDR2 DIMM slots</li> <li>■ Supports DDR2 533/400MHz non-ECC ,un-buffered memory</li> <li>■ Max.4GB</li> </ul>
■ <b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 2 * 32-bit PCI Slots</li> <li>■ 1 * PCI-Express x1slot</li> </ul>
■ <b>Storage</b>	<p><b>Embedded INTEL ICH7 Chipset:</b></p> <ul style="list-style-type: none"> <li>■ 2 * Serial ATA2 3Gb/s connectors</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>■ Realtek RT8102EL PCI-E 10/100m 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>■ Advanced Power Design that supports the latest Intel Atom Processor</li> <li>■ Support CPU Smart FAN</li> <li>■ Smaller size reduces overall system cost</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 port</li> <li>■ 1 * PS/2 keyboard port</li> <li>■ 1 * SPDIF_Out port</li> <li>■ 1 * RJ-45 port &amp; 1 * COM port</li> <li>■ 1 * Audio I/O port</li> <li>■ 1 * VGA 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 2.0/1.1 ports</li> <li>■ CPU / Chassis Fan connectors</li> <li>■ 1 * 20-pin ATX Power connector</li> <li>■ 1 * parallel header</li> <li>■ CD / AUX Audio in</li> <li>■ 1 * Floppy connector</li> <li>■ Front panel audio connector</li> <li>■ 1 * IDE 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>■ <b>Flex-ATX</b> Form Factor (228mm X 180mm)</li> <li>■ <b>Could be used in a MicroATX 1.0 compliant chassis.</b></li> <li>■ <b>Same motherboard mounting holes as in MicroATX.</b></li> <li>■ Current chassis do not need to be retooled.</li> <li>■ No need to redefine mounting holes.</li> </ul>

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

\*The Specification may be changed without further notice.