

Mainboard Diagram

ATOM-GM1-330



1. Intel®945GC Express Chipset +ICH7Chipset
2. Intel® Atom 330 Dual Core Processors
3. Intel® Hyper-Threading and 64-bit Support
4. Integrated Intel® GMA 950 GPU
5. Supports Dual Channel DDR2 533/400
6. Integrated 2 * Serial ATA2 3Gb/s
7. Integrated 10/100m LAN
8. Integrated ALC662 HD Audio CODEC with 6-CH
9. Ready for Windows® Vista™
10. 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

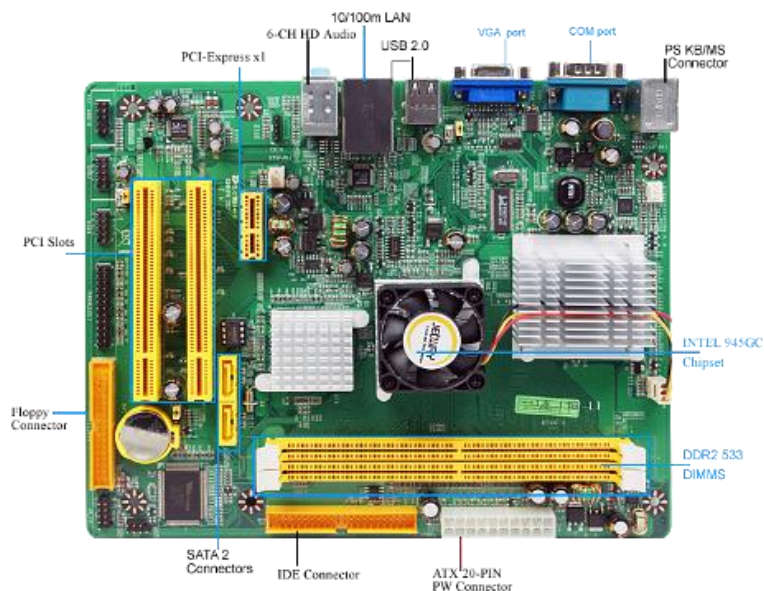
The Intel 945GC Express Chipset which is one of the members of Intel 945 Express Chipset Family that delivers outstanding system performance through high-bandwidth interfaces such as dual-channel DDR2 memory, 667/ 533 MHz system bus, PCI Express* x16 graphics port at full bandwidth and PCI Express x1 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

■ CPU	<ul style="list-style-type: none"> ■ Embedded Intel® Atom 330 Dual Core Processors
■ Chipset	<ul style="list-style-type: none"> ■ Intel®945GC Express Chipset + ICH7 Chipset
■ FSB	<ul style="list-style-type: none"> ■ 533MHz
■ Memory	<ul style="list-style-type: none"> ■ Dual Channel DDR2 memory technology ■ 2 * 240-pin DDR2 DIMM slots ■ Supports DDR2 533/400MHz non-ECC ,un-buffered memory ■ Max.4GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 2 * 32-bit PCI Slots ■ 1 * PCI-Express x1slot
■ Storage	<p>Embedded INTEL ICH7 Chipset:</p> <ul style="list-style-type: none"> ■ 2 * Serial ATA2 3Gb/s connectors ■ 1 * Ultra DMA 100/66 IDE connector
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 HD Audio Codec with 6-Channel
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek RT8102EL PCI-E 10/100m LAN
■ USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0/1.1
■ Special Features	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest Intel Atom Processor ■ Support CPU Smart FAN ■ Smaller size reduces overall system cost
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 mouse port ■ 1 * PS/2 keyboard port ■ 1 * SPDIF_Out port ■ 1 * RJ-45 port & 1 * COM port ■ 1 * Audio I/O port ■ 1 * VGA port
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0/1.1 headers for 4 USB 2.0/1.1 ports ■ CPU / Chassis Fan connectors ■ 1 * 20-pin ATX Power connector ■ 1 * parallel header ■ CD / AUX Audio in ■ 1 * Floppy connector ■ Front panel audio connector ■ 1 * IDE connector
■ BIOS	<ul style="list-style-type: none"> ■ Award 8MB SPI Flash ROM
■ Form Factor	<ul style="list-style-type: none"> ■ Flex-ATX Form Factor (228mm X 180mm) ■ Could be used in a MicroATX 1.0 compliant chassis. ■ Same motherboard mounting holes as in MicroATX. ■ Current chassis do not need to be retooled. ■ No need to redefine mounting holes.

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

*The Specification may be changed without further notice.