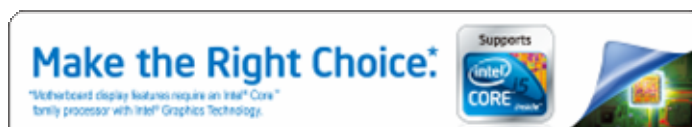


Mainboard Diagram



MIH55T-M

1. **INTEL® H55 Express Chipset**
2. Support INTEL® LGA1156 Processors
3. Supports PCI-Express 2.0
4. Supports Dual Channel DDR3 1333/1066
5. Onboard Gigabit LAN
6. Integrated HD Audio CODEC with 6.0 CH
7. **Ready for Windows® 7**
8. U-ATX Form Factor(171mm X 225 mm)



Features and Benefits

Intel® H55 Express Chipset

The Intel® H55 Express Chipset continues to push innovation with a new architecture designed to deliver quality, performance, and industry-leading I/O technologies on platforms powered by the Intel® Core™ i7-800, Intel® Core™ i5, and Intel® Core™ i3 processors.

The Intel H55 Express Chipset delivers new technologies and innovative capabilities for digital home, small office, and home office consumers.

PCI Express 2.0 Buses

The PCI Express 2.0 x16 graphics delivers up to 8 GB/s per direction, 2 times more bandwidth than PCI Express x16 and up to 16 GB/s concurrent bandwidth. PCI Express x1 I/O offers 1GB/s concurrently, over 7 times more bandwidth than AGP8X, tackling the most demanding multimedia tasks nowadays

OC-CON high-polymer solid electrolysis aluminum capacitors embedded

The working temperature is from 55 degrees Centigrade below zero to 125 degrees Centigrade, OC_CON capacitors possess superior physical characteristics that can be while reducing the working temperature between 20 degrees Centigrade each time, intact extension 10 times of effective product operation lives, at not rising degrees Centigrade of working temperatures each time a relative one

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. The SATA RAID allows multi-disk designs to be set up as RAID 0, 1,10 based on users' priority of protection/performance, and which even makes more accessible by introducing the innovative windows-based facility

Mainboard Specifications

■ CPU	■ Support INTEL® LGA1156 Processors
■ Chipset	■ INTEL® H55 Express Chipset
■ Memory	<ul style="list-style-type: none"> ■ Dual Channel DDR3 memory technology ■ 2 * 240-pin DDR3 DIMM slots ■ Supports DDR3 1333/1066 non-ECC ,un-buffered memory ■ Max.8GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 1 * PCI Express x16 slot by 16-lane ■ 1* PCI Express x1 slots ■ 1 * 32-bit PCI slot
■ Storage	Embedded INTEL H55 Chipset: <ul style="list-style-type: none"> ■ 4 * Serial ATA2 3Gb/s connectors
■ Audio	■ 6-Channel HD Audio CODEC
■ Ethernet LAN	■ Realtek RTL8111DL PCI-E Gigabit LAN
■ USB	■ Embedded 8 * USB 2.0
■ Special Features	<ul style="list-style-type: none"> ■ Advanced Power Design that supports the latest LGA 1156 Processors ■ The entire solid state electric capacity power supply guaranteed that various parts' electric power supply is sufficient, is stable.
■ Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0 ports ■ 1 * PS/2 keyboard/MS port ■ 1 * RJ-45 ports ■ 1 * Audio I/O ports ■ 1 * VGA Port & 1 * DVI Port & 1 * HDMI (HDMI, VGA and DVI-D ports can only be enabled when installing Intel CPU with embeded graphics chip.)
■ Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0 headers for 4 USB 2.0 ports ■ CPU / Chassis Fan connectors ■ 1 * 8-pin ATX 12V Power connector ■ 1 * 24-pin ATX Power connector ■ 1 * COM port ■ 1 * AUDIO header
■ BIOS	■ AMI 32MB SMT Flash ROM
■ Form Factor	■ U-ATX Form Factor(171mm X 225 mm)

Product Accessories



