

# H55-GD65

## Specifications

### CPU

- Supports Intel® i3 / i5 / i7 based processors in LGA1156 package.

Please refer to CPU Support for compatible CPU; the above description is for reference only.

### Chipset

- Intel® H55 Chipset
- Supports QPI up to 6.4GT/s
- Hi-Speed USB (USB2.0) controller, 480Mb/sec.
- 6 SATAII ports with transfer rate up to 3Gb/s.
- PCI Master v2.3, I/O APIC.
- ACPI 2.0 compliant.

### Main Memory

- Supports four unbuffered DIMM of 1.5 Volt DDR3 1066/1333/1600\*/2000\*/2133\* (OC) SDRAM, 16GB Max
- Supports 1Gb/ 2Gb/ 4Gb DRAM size
- Supports Dual channel mode

### Slots

- 2 PCI Express gen2 x16 slots
- 2 PCI Express gen2 x1 slots
- 2 PCI slots, support 3.3V/ 5V PCI bus Interface

### On-Board IDE/SATA

- One Ultra DMA 66/100/133 IDE controller integrated in JMicron® 363.
- Supports PIO, Bus Master operation modes.
- Can connect up to two Ultra ATA drives.

- SATAII controller integrated in Intel H55 / JMicron® 363 chipset
- Up to 3Gb/s transfer speed.
- Supports six SATAII ports (SATA1~6) by H55
- Supports one SATAII port (SATA7) by JMicron 363

#### Audio

- Chipset integrated by Realtek® ALC889
- Flexible 8-channel audio with jack sensing
- Compliant with Azalia 1.0 Spec
- Meet Microsoft Vista Premium spec

#### LAN

- Supports one PCI Express LAN 10/100/1000 Fast Ethernet by Realtek 8111DL.

#### IEEE1394 / FireWire

- VIA® VT6308P chipset
- Supports up to two 1394 ports. (Rear panel x1, pinheader x1)
- Transfer rate is up to 400Mbps.

#### Internal I/O Connectors

- ATX 24-Pin power connector
- 8-pin ATX 12V power connector
- CPU x 1 / System x 4 FAN connectors
- CD-in connector
- Front panel audio connector
- Front panel connector
- 1 x chassis intrusion connector
- 3 x USB 2.0 connectors
- 7 x Serial ATAII connectors
- 1 x ATA133 connector

- 1 x IEEE1394 connector
- 1 x OC Genie button
- 1 x Power button
- 1 x Reset button
- 2 x Base clock control buttons
- 1 x Clear CMOS jumper
- 1 x SPDIF-out connector
- 1 x TPM module connector
- 1 x Serial port connector
- 1 x Parallel port connector

#### Back Panel I/O Ports

- 1 x PS/2 Mouse / Keyboard port
- 1 x Optical SPDIF-out port
- 1 x eSATA port
- 6 x USB 2.0 ports
- 1 x RJ45 LAN Jack
- 1 x 6 in 1 audio jack
- 1 x IEEE1394 port
- 1 x HDMI port
- 1 x Graphic Card port
- 1 x DVI port

#### BIOS

- The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.
- The mainboard provides a Desktop Management Interface(DMI) function which records your mainboard specifications.

#### Dimension

- 30.5cm(L) x 22.5cm(W) ATX Form Factor