

Big Bang-Trinergy

Specifications

CPU

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

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

Chipset

- Intel® P55 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.
 - Serial ATA RAID 0/1/5/10.
 - Integrated AHCI controller.
- Nvidia® NF200 Chipset

Main Memory

- Supports four unbuffered DIMM of 1.5 Volt DDR3 1066/1333/1600*/1800*/2000*/2133* (OC) SDRAM, 16GB Max
 - Supports 1Gb/ 2Gb/ 4Gb DRAM size
 - Supports Dual channel mode

Slots

- 3 PCI Express gen2 x16 slots
 - PCI_E2 / PCI_E4 / PCI_E5 slots will be x16/ x16/ x0 or x16/ x8/ x8
 - supports ATI® Crossfire™ & NVIDIA SLI
- 2 PCI Express gen2 x1 slots
 - Only PCI_E1 supports installing the Realtek® Audio card

- 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 P55/JMicron® 322 / 363 chipset
 - Up to 3Gb/s transfer speed.
 - Supports six SATAII ports (SATA1~SATA6) by P55
 - Supports four SATAII ports (SATA7~SATA10) by JMicron 322, support SATA RAID 0/1/JBOD.
 - Supports two eSATA / USB combo port by JMicron 363.
 - Supports AHCI controller with AHCI / SATA RAID 0/1/5/10 by P55.
 - SATA7 & SATA8 support RAID 0/1 & JBOD mode by 1st JMicron® JMB322
 - SATA9 & SATA10 support RAID 0/1 & JBOD mode by 2nd JMicron® JMB322

Audio

- QuantumWave Audio card
 - Creative EAX Advanced HD 5.0
 - THX TruStudio PC
 - Creative Alchemy
 - 7.1 Channel High Definition Audio Codec with jack sensing
 - Chipset integrated by Realtek® ALC889
 - Compliant with Azalia 1.0 Spec
 - Meet Microsoft Vista Premium spec
- * For better audio performance, we recommend installing THX

LAN

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

IEEE1394 / FireWire

- VIA® VT6315N 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
- 2 x USB 2.0 connectors
- 10 x Serial ATAII connectors
- 1 x ATA133 connector
- 1 x IEEE1394 connector support additional 1 port
- 1 x GreenPower Button
- 1 x Reset Button
- 1 x Power Button
- 1 x Clear CMOS Button
- 1 x SPDIF-out connector
- 1 x TPM module connector
- 1 x OC Genie Button
- 1 x Over-Voltage switch & 1 set voltage check point
- 1 x CPU Phase LED Panel

Back Panel I/O Ports

- 1 x PS/2 Keyboard
- 1 x PS/2 Mouse

- 2 x eSATA / USB Combo ports
- 1 x IEEE1394 port
- 8 x USB 2.0 ports
- 2 x RJ45 LAN Jacks
- 1 x D-LED2 panel connector

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 24.4cm(W) ATX Form Factor

Mounting

- 9 mounting holes.