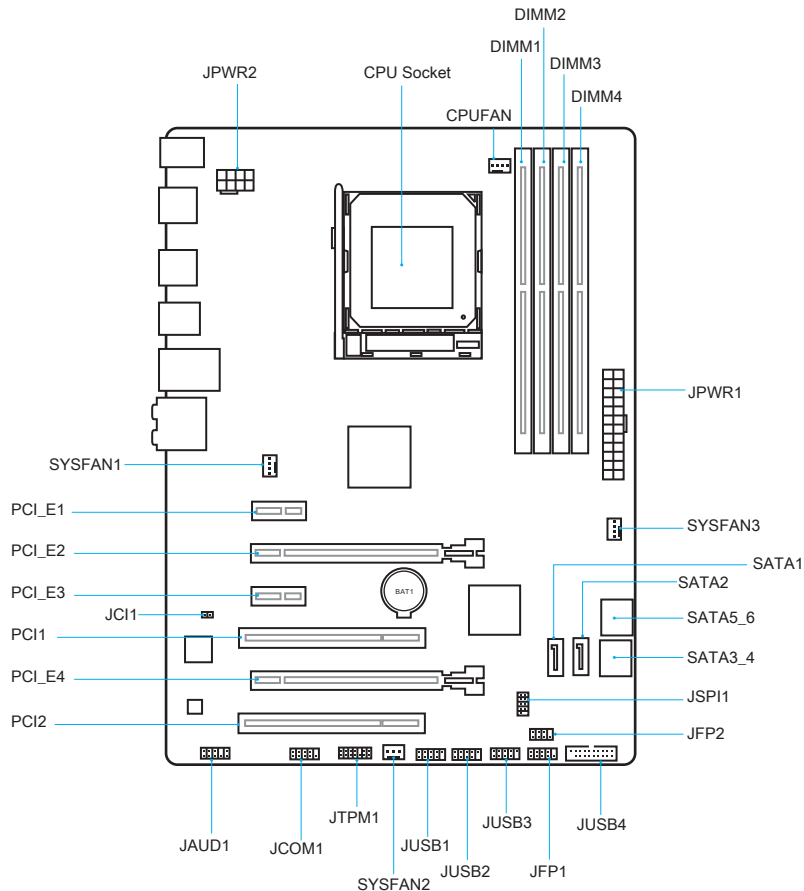


970A-G43 PLUS

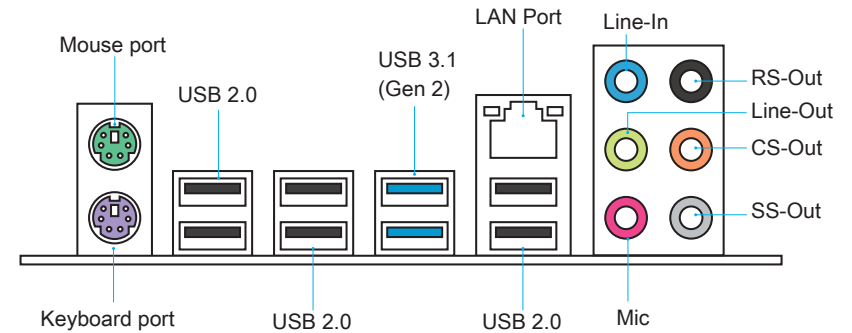
(MS-7974v1.1)

ATX Motherboard

Motherboard Components Overview



Rear I/O Panel



Motherboard Specification

CPU Support

- Supports 64bit AMD® FX, Phenom II X6/ X4/X3/X2, Athlon II X4/X3/X2 and Sempron CPU in AM3 / AM3+ package

Hyper Transport

- Hyper Transport 2.4 up to 5.1 GT/s

Chipset

- North Bridge: AMD® 970 chipset
- South Bridge: AMD® SB950 chipset

Memory Support

- DDR3 2133(O.C.)/ 1866(O.C.)/ 1600/1 333/ 1066 DRAM (32GBMax)
- 4 DDR3 DIMMs/ 2 channels

Expansion Slots

- 2x PCIe 2.0 x16 slots
- 2x PCIe 2.0 x1 slots
- 2x PCI slots

Storage

- 6 SATA 6Gb/s (SATA1~6) ports by AMD SB950

USB

- 2 USB3.1 Gen1 ports by ASMEDIA/ ASM1042AE B02-010422C-AD0
- 2 USB3.1 Gen2 ports by ASMEDIA/ ASM1143 B02-011430C-AD0

RAID

- SATA1~6 support AMD® Storage Technology (RAID 0/ 1/ 5/ 10) by AMD® SB950

Audio

- Realtek® ALC887 Codec
- 7.1-Channel High Definition Audio

LAN

- 1x Realtek RTL8111E Gigabit LAN controller

Motherboard Specification

Back Panel Connectors

- 1x PS/2 Mouse port
- 1x PS/2 Keyboard port
- 6x USB 2.0 ports
- 2x USB 3.1 Gen 2 ports
- 1x LAN (RJ45) port
- 6x Audio Jacks

Internal Connectors

- 1x 24-pin ATX main power connector
- 1x 8-pin ATX 12V power connector
- 6x SATA 6Gb/s connectors
- 3x USB 2.0 connectors (supports additional 6 USB 2.0 ports)
- 1x USB 3.1 Gen 1 connector (supports additional 2 USB 3.1 Gen 1 ports)
- 1x 4-pin CPU fan connector
- 2x 4-pin system fan connectors
- 1x 3-pin system fan connector
- 1x Front panel audio connector
- 2x System panel connectors
- 1x TPM module connector
- 1x Chassis Intrusion connector
- 1x Serial port connector

I/O Controller

- FINTEK/F71889ED Controller Chip
- Multi-language

Special Features

- Active Phase Switch feature to save power dynamically
- BIOS code unlocked technology
- CrossFireX™
- M-Flash included
- SATA 6Gb/s

Form Factor

- ATX Form Factor
- 30.5 cm x 22.5 cm