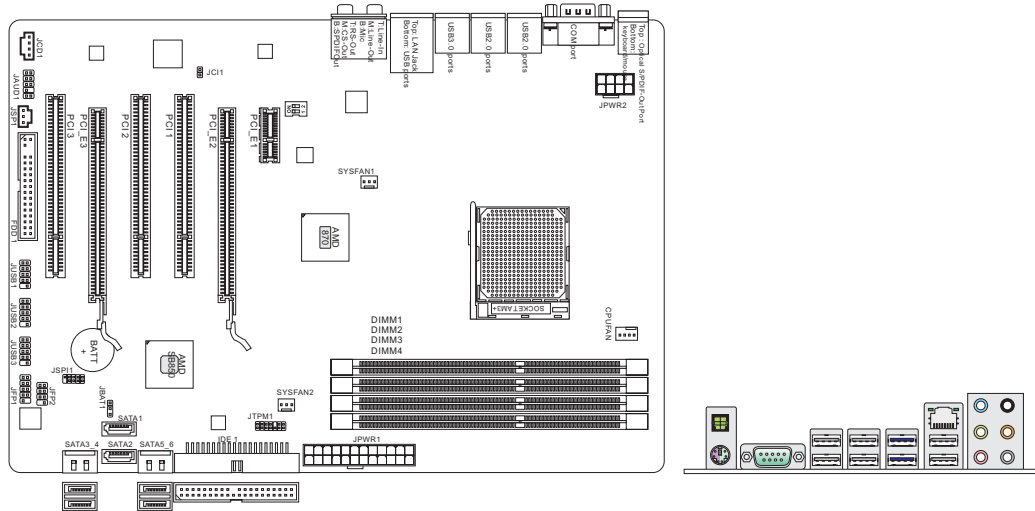


# 870A-G54 (FX) (MS-7599v3.1) ATX Mainboard

Supports AMD® Phenom™ II X4/ X3 and Athlon X4/ X3/ X2 processors in the AM3+ package



## Mainboard Specification

### Processor Support

- Supports AMD® Phenom™ II X4/ X3 and Athlon X4/ X3/ X2 processors in the AM3+ package

### Hyper Transport

- Hyper Transport 3.0 up to 5.2 GT/s

### Chipset

- North Bridge: AMD® 870 chipset
- South Bridge: AMD® SB850 chipset

### Memory Support

- DDR3 800/1066 /1333/1600\*(\*=oc) (16GB )
- 4 DDR3 DIMMs (240pin / 1.5V)

### LAN

- Supports Gigabit LAN by Realtek® 8111DL

### Audio

- Chip integrated by ALC892
- Flexible 8-channel audio with jack sensing
- Compliant with Azalia 1.0 Spec

### IDE

- 1 IDE port by JMB368
- Supports Ultra DMA 100/133 mode
- Supports PIO, Bus Master operation mode

### SATA

- SATAII 6Gb/S(SATA3.0) by SB850

### Floppy

- 1 floppy port
- Supports 1 FDD with 360KB, 720KB, 1.2MB, 1.44MB and 2.88MB

### Connectors

- Back panel
  - 1 Optical S/PDIF-Out Port
  - 1 PS/2 keyboard/mouse combo port
  - 1 serial port (COM1)
  - 6 USB 2.0 ports
  - 2 USB 3.0 ports
  - 1 LAN jack (10/100/1000)
  - 6 flexible audio jacks
- On-Board Pinheaders/ Connectors
  - 3 USB 2.0 pinheaders (6 ports)
  - 1 Chassis Intrusion Switch pinheader
  - 1 CD-In connector
  - 1 Front Panel Audio pinheader
  - 1 TPM Module pinheader
  - 1 Hardware Overclock FSB Switch

### Slots

- 2 PCI Express x16 slots
- 1 PCI Express x1 slot
- 3 PCI slots
- Support 3.3V/ 5V PCI bus Interface

### Form Factor

- ATX (30.5cm X 21.0cm)

### Feature on Focus

- All Solid Cap design
- Half hi-C Cap design
- Active Phase Switch feature to save power dynamically
- OC DIAL
- USB Safeguard
- M-Flash included

### Mounting

- 6 mounting holes