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**Dichiarazione di conformità
sintetica**

Ai sensi dell'art. 2 comma 3 del D.M.
275 del 30/10/2002

Si dichiara che questo prodotto è
conforme alle normative vigenti e
soddisfa i requisiti essenziali richiesti
dalle direttive

2004/108/CE, 2006/95/CE e
1999/05/CE

quando ad esso applicabili

Short Declaration of conformity

We declare this product is complying
with the laws in force and meeting all
the essential requirements as specified
by the directives

2004/108/CE, 2006/95/CE and
1999/05/CE

whenever these laws may be applied

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CHAPTER 1: INTRODUCTION

1.1 Before You Start

Thank you for choosing our product. Before you start installing the motherboard, please make sure you follow the instructions below:

- Prepare a dry and stable working environment with sufficient lighting.
- Always disconnect the computer from power outlet before operation.
- Before you take the motherboard out from anti-static bag, ground yourself properly by touching any safely grounded appliance, or use grounded wrist strap to remove the static charge.
- Avoid touching the components on motherboard or the rear side of the board unless necessary. Hold the board on the edge, do not try to bend or flex the board.
- Do not leave any unfastened small parts inside the case after installation. Loose parts will cause short circuits which may damage the equipment.
- Keep the computer from dangerous area, such as heat source, humid air and water.
- The operating temperatures of the computer should be 0 to 45 degrees Celsius.
- To avoid injury, be careful of:
 - Sharp pins on headers and connectors
 - Rough edges and sharp corners on the chassis
 - Damage to wires that could cause a short circuit

1.2 Package Checklist

- Serial ATA Cable x2
- Rear I/O Panel for ATX Case x1
- Installation Guide x1
- Fully Setup Driver DVD x1

| |
|---|
| <p>Note: The package contents may be different due to the sales region or models in which it was sold. For more information about the standard package in your region, please contact your dealer or sales representative.</p> |
|---|

1.3 Motherboard Specifications

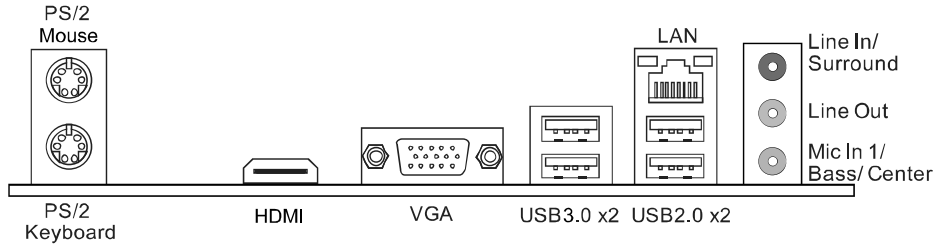
| Specifications | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|------------------|--------------|--------------|---------------|---------------|---------------|------------------|------------------|------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|--|
| CPU Support | Socket FM2 for AMD A-series processor Maximum CPU TDP (Thermal Design Power): 100Watt * Please refer to www.biostar.com.tw for CPU support list. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chipset | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memory | Supports Dual Channel DDR3 800/ 1066/ 1333/ 1600/ 1866 2 x DDR3 DIMM Memory Slot, Max. Supports up to 32 GB Memory Each DIMM supports non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 module * Please refer to www.biostar.com.tw for Memory support list. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage | AMD A85/A75/A55 FCH Supports RAID 0, 1, 10, 5 & AHCI (AMD A85 FCH) Supports RAID 0, 1, 10, & AHCI (AMD A75/A55 FCH), | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | Realtek RTL 8111F 10/ 100/ 1000 Mb/s auto negotiation, Half / Full duplex capability | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audio Codec | ALC662 5.1 Channels, High Definition Audio, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | AMD A85/A75 FCH: 6x USB 2.0 port (2 on rear I/Os and 4 via internal headers) 4x USB 3.0 port (2 on rear I/Os and 2 via internal headers) AMD A55 FCH: 8x USB 2.0 port (4 on rear I/Os and 4 via internal headers) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expansion Slots | 1x PCI Slot 1x PCIe 2.0 x1 Slot 1x PCIe 2.0 x16 Slot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rear I/Os | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>1x PS/2 Mouse</td> <td>1x PS/2 Mouse</td> <td>1x PS/2 Mouse</td> </tr> <tr> <td>1x PS/2 Keyboard</td> <td>1x PS/2 Keyboard</td> <td>1x PS/2 Keyboard</td> </tr> <tr> <td>1x VGA Port</td> <td>1x VGA Port</td> <td>1x VGA Port</td> </tr> <tr> <td>1x HDMI Port</td> <td>1x DVI Port</td> <td>1x DVI Port</td> </tr> <tr> <td>1x LAN port</td> <td>1x LAN port</td> <td>1x LAN port</td> </tr> <tr> <td>2x USB 2.0 Port</td> <td>2x USB 2.0 Port</td> <td>4x USB 2.0 Port</td> </tr> <tr> <td>2x USB 3.0 Port</td> <td>2x USB 3.0 Port</td> <td>3x Audio Jack</td> </tr> <tr> <td>3x Audio Jack</td> <td>3x Audio Jack</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | 1x PS/2 Mouse | 1x PS/2 Mouse | 1x PS/2 Mouse | 1x PS/2 Keyboard | 1x PS/2 Keyboard | 1x PS/2 Keyboard | 1x VGA Port | 1x VGA Port | 1x VGA Port | 1x HDMI Port | 1x DVI Port | 1x DVI Port | 1x LAN port | 1x LAN port | 1x LAN port | 2x USB 2.0 Port | 2x USB 2.0 Port | 4x USB 2.0 Port | 2x USB 3.0 Port | 2x USB 3.0 Port | 3x Audio Jack | 3x Audio Jack | 3x Audio Jack | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 Mouse | 1x PS/2 Mouse | 1x PS/2 Mouse | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 Keyboard | 1x PS/2 Keyboard | 1x PS/2 Keyboard | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x VGA Port | 1x VGA Port | 1x VGA Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x HDMI Port | 1x DVI Port | 1x DVI Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x LAN port | 1x LAN port | 1x LAN port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 2.0 Port | 2x USB 2.0 Port | 4x USB 2.0 Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 3.0 Port | 2x USB 3.0 Port | 3x Audio Jack | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3x Audio Jack | 3x Audio Jack | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

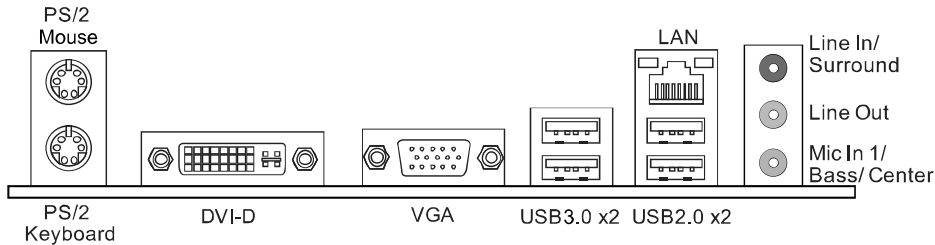
| Specifications | | | |
|-----------------------|--|---------------------------------------|---------------------------|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| Internal I/Os | 6x SATA 6.0Gb/s Connector | 6x SATA 6.0Gb/s Connector | 6x SATA 3.0Gb/s Connector |
| | 2x USB 2.0 Header | 2x USB 2.0 Header | 2x USB 2.0 Header |
| | 1x USB 3.0 Header | 1x USB 3.0 Header | 1x 4-Pin Power Connector |
| | 1x 4-Pin Power Connector | 1x 4-Pin Power Connector | 1x 24-Pin Power Connector |
| | 1x 24-Pin Power Connector | 1x 24-Pin Power Connector | 1x CPU Fan Connector |
| | 1x CPU Fan Connector | 1x CPU Fan Connector | 1x System Fan Connector |
| | 1x System Fan Connector | 1x System Fan Connector | 1x Front Panel Header |
| | 1x Front Panel Header | 1x Front Panel Header | 1x Front Audio Header |
| | 1x Front Audio Header | 1x Front Audio Header | 1x Clear CMOS Header |
| | 1x Clear CMOS Header | 1x Clear CMOS Header | 1x Printer Port Header |
| | 1x Printer Port Header | 1x Printer Port Header | 1x Serial Port Header |
| | 1x Serial Port Header | 1x Serial Port Header | |
| | Form Factor | microATX Form Factor, 244 mm x 191 mm | |
| OS Support | Windows XP / Vista / 7 / 8 Biostar reserves the right to add or remove support for any OS with or without notice. | | |

1.4 Rear Panel Connectors

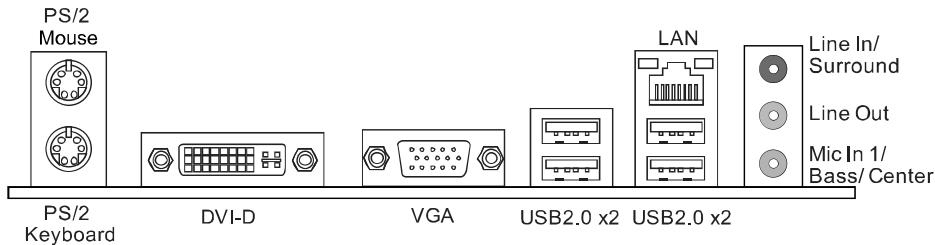
Hi-Fi A85S3



Hi-Fi A75S3



Hi-Fi A55S3

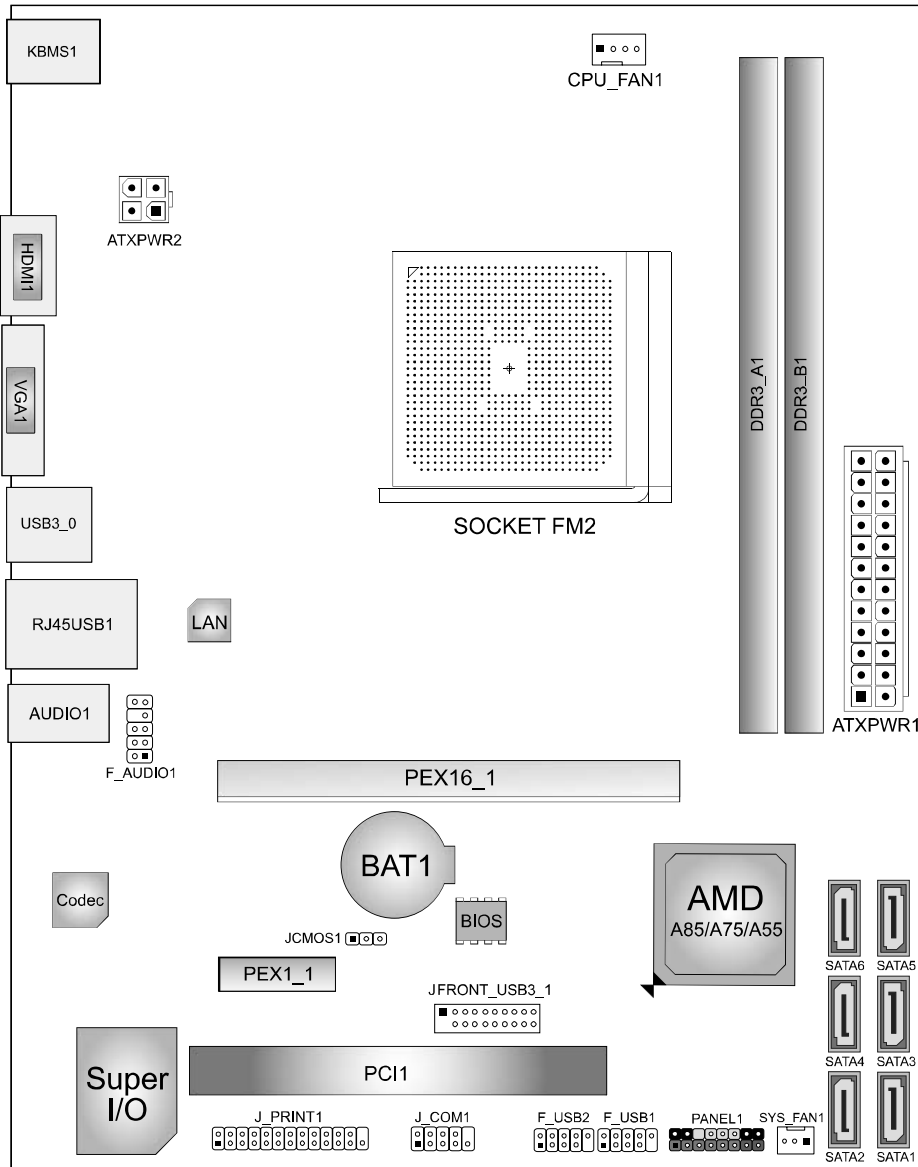


- Note 1:** HDMI / DVI-D / VGA Output require an AMD family processor with integrated graphics.
- Note 2:** The mainboard supports two independent display outputs.
- Note 3:** Since the audio chip supports High Definition Audio Specification, the function of each audio jack can be defined by software. The input / output function of each audio jack listed above represents the default setting. However, when connecting external microphone to the audio port, please use the Line In (Blue) and Mic In (Pink) audio jack.
- Note 4:** Maximum resolution:

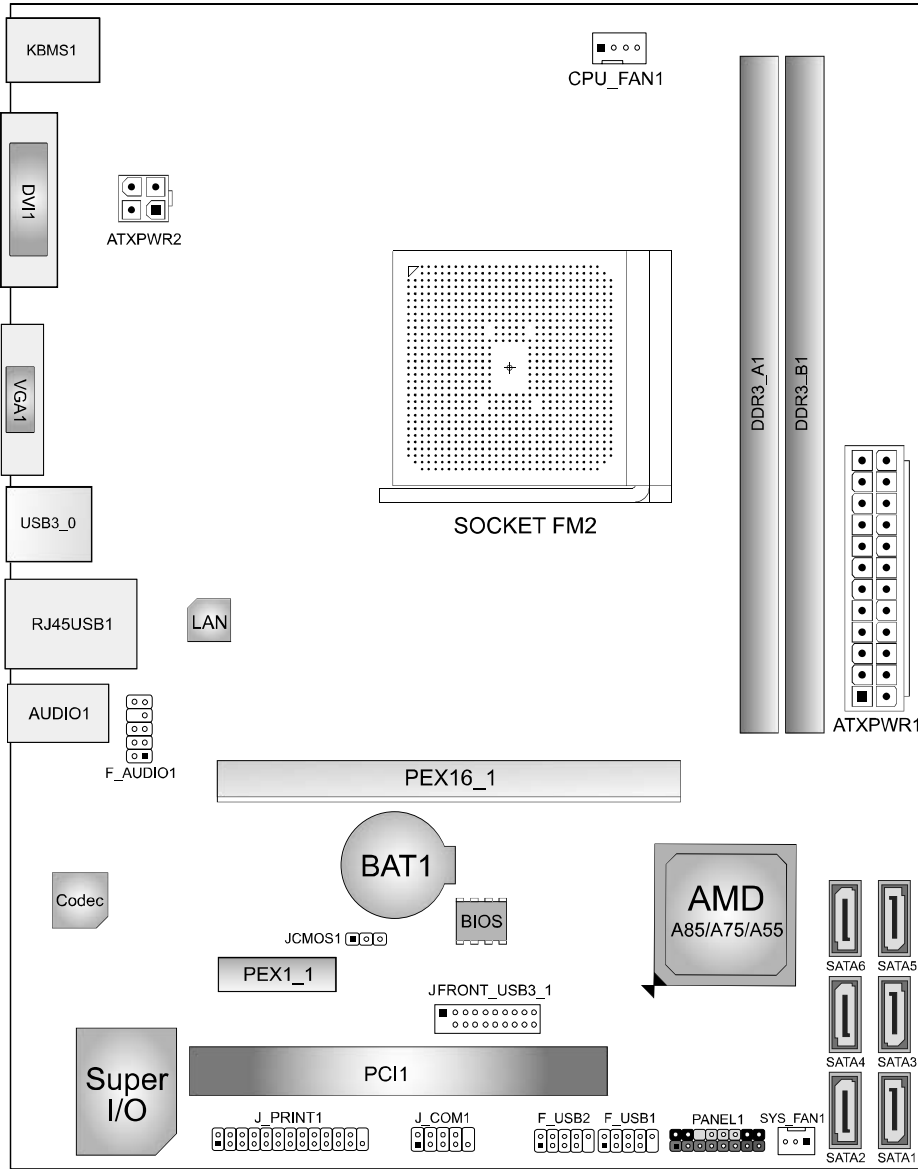
| Outputs | Maximum resolution | Bit Depth |
|---------|--------------------|----------------|
| HDMI | 1920 x 1080 @60Hz | 24, 30, 36 bpp |
| | 1920 x 1200 @60Hz | 24 bpp |
| DVI-D | 1920 x 1200 @60Hz | 30 bpp |
| | 2560 x 1600 @60Hz | 24 bpp |
| VGA | 1920 x 1600 @60Hz | -- |

1.5 Motherboard Layout

Hi-Fi A85S3



Hi-Fi A75S3/Hi-Fi A55S3

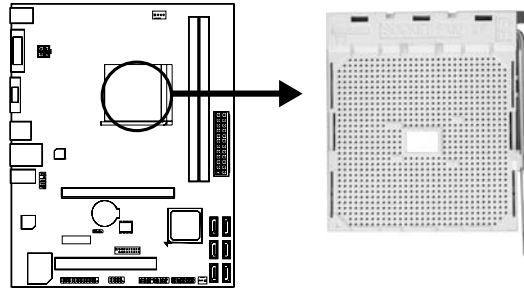


Note1: ■ represents the 1st pin.
Note2: HDMI connector is for Hi-Fi A85S3. DVI connector is for Hi-Fi A75S3 & Hi-Fi A55S3.
Note3: The USB 3.0 header is only for Hi-Fi A85S3 and Hi-Fi A75S3

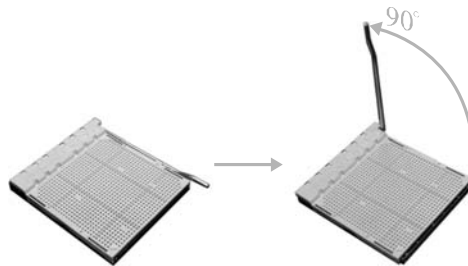
CHAPTER 2: HARDWARE INSTALLATION

2.1 Install Central Processing Unit (CPU)

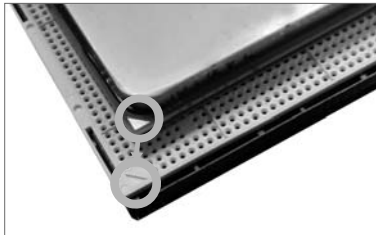
Step 1: Locate the CPU socket on the motherboard



Step 2: Pull the socket locking out from the socket and then raise the lever up to a 90-degree angle.

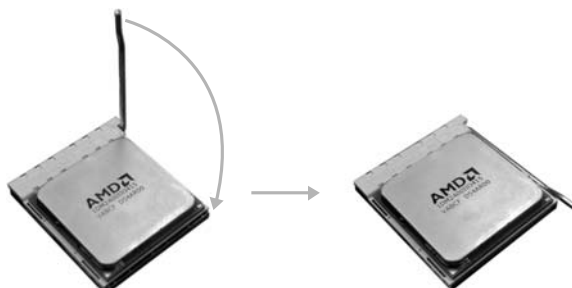


Step 3: Look for the white triangle on socket, and the gold triangle on CPU should point towards this white triangle. The CPU will fit only in the correct orientation.



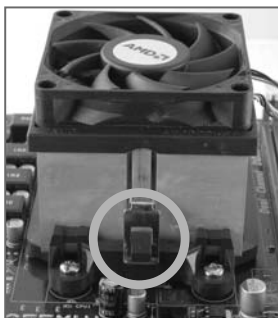
Note: The CPU fits only in one correct orientation. Do not force the CPU into the socket to prevent damaging the CPU.

Step 4: Hold the CPU down firmly, and then close the lever to locked the position

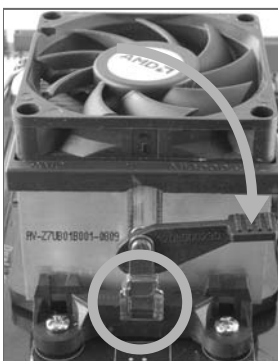


2.2 Install a Heatsink

Step 1: Place the heatsink and fan assembly onto the retention frame. Match the heatsink clip with the socket mounting-lug. Hook the spring clip to the mounting-lug.



Step 2: On the other side, push the retention clip straight down to lock into the plastic lug on the retention frame, and then press down the locker until it stops.

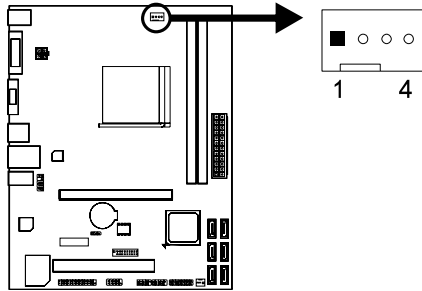


Note1: Do not forget to connect the CPU fan connector.
Note2: For proper installation, please kindly refer to the installation manual of your CPU heatsink.

2.3 Connect Cooling Fans

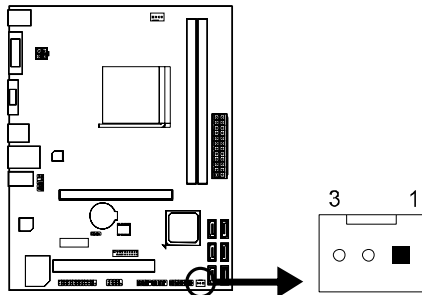
These fan headers support cooling-fans built in the computer. The fan cable and connector may be different according to the fan manufacturer. Connect the fan cable to the connector while matching the black wire to pin#1.

CPU_FAN1: CPU Fan Header



| Pin | Assignment |
|-----|----------------------------|
| 1 | Ground |
| 2 | +12V |
| 3 | FAN RPM rate sense |
| 4 | Smart Fan Control (By Fan) |

SYS_FAN1: System Fan Header

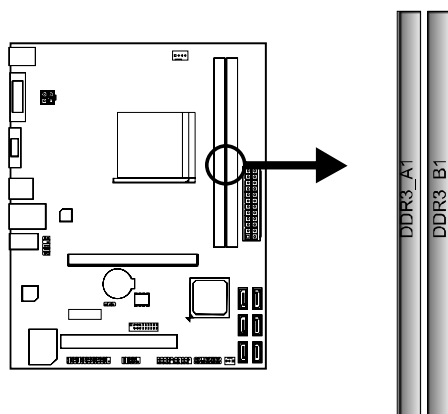


| Pin | Assignment |
|-----|--------------------|
| 1 | Ground |
| 2 | +12V |
| 3 | FAN RPM rate sense |

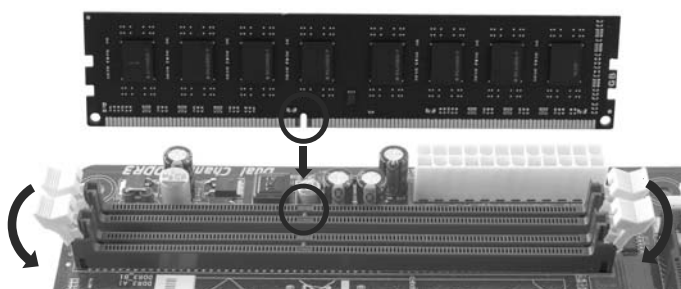
Note: CPU_FAN1, SYS_FAN1 support 4-pin and 3-pin head connectors. When connecting with wires onto connectors, please note that the red wire is the positive and should be connected to pin#2, and the black wire is Ground and should be connected to GND.

2.4 Install System Memory

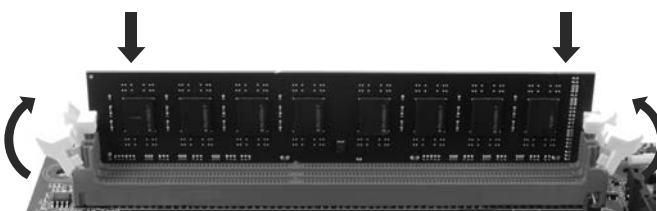
A. DDR3 Modules



Step 1: Unlock a DIMM slot by pressing the retaining clips outward. Align a DIMM on the slot such that the notch on the DIMM matches the break on the slot.



Step 2: Insert the DIMM vertically and firmly into the slot until the retaining chip snap back in place and the DIMM is properly seated.



Note: If the DIMM does not go in smoothly, do not force it. Pull it all the way out and try again.

B. Memory Capacity

| DIMM Socket Location | DDR3 Module | Total Memory Size |
|----------------------|----------------------------|-------------------|
| DDR3_A1 | 512MB/1GB/2GB/4GB/8GB/16GB | Max is 32GB. |
| DDR3_B1 | 512MB/1GB/2GB/4GB/8GB/16GB | |

C. Dual Channel Memory Installation

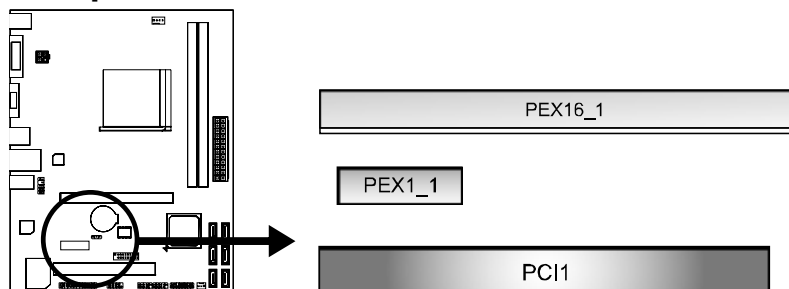
Please refer to the following requirements to activate Dual Channel function:
Install memory module of the same density in pairs, shown in the table.

| Dual Channel Status | DDR3_A1 | DDR3_B1 |
|---------------------|---------|---------|
| Disabled | O | X |
| Disabled | X | O |
| Enabled | O | O |

(O means memory installed, X means memory not installed.)

Note: The DRAM bus width of the memory module must be the same (x8 or x16)

2.5 Expansion Slots



PEX16_1: PCI-Express Gen2 x16 Slot

- PCI-Express 2.0 compliant.
- Maximum theoretical realized bandwidth of 8GB/s simultaneously per direction, for an aggregate of 16GB/s totally.
- PCI-Express Gen2 supports a raw bit-rate of 5.0Gb/s on the data pins.

PEX1_1: PCI-Express Gen2 x1 Slot

- PCI-Express 2.0 compliant.
- Data transfer bandwidth up to 500MB/s per direction; 1GB/s in total

PCI1: Peripheral Component Interconnect Slot

This motherboard is equipped with 1 standard PCI slot. PCI stands for Peripheral Component Interconnect, and it is a bus standard for expansion cards.

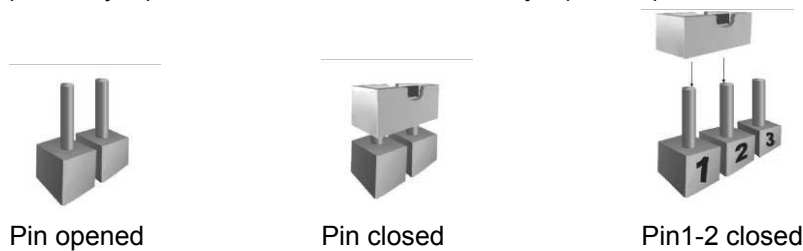
Install an Expansion Card

You can install your expansion card by following steps:

1. Read the related expansion card's instruction document before install the expansion card into the computer.
2. Remove your computer's chassis cover, screws and slot bracket from the computer.
3. Place a card in the expansion slot and press down on the card until it is completely seated in the slot.
4. Secure the card's metal bracket to the chassis back panel with a screw.
5. Replace your computer's chassis cover.
6. Power on the computer, if necessary, change BIOS settings for the expansion card.
7. Install related driver for the expansion card.

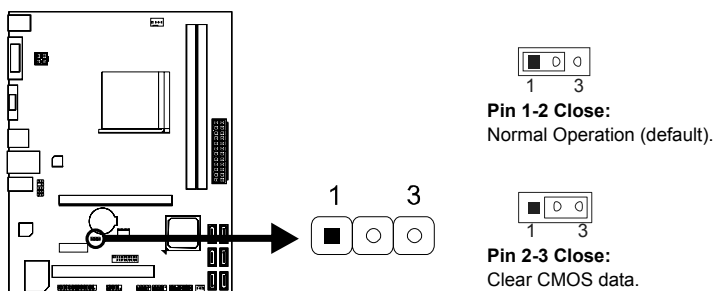
2.6 Jumper Setting

The illustration shows how to set up jumpers. When the jumper cap is placed on pins, the jumper is “close”, if not, that means the jumper is “open”.



JCMOS1: Clear CMOS Header

Placing the jumper on pin2-3, it allows user to restore the BIOS safe setting and the CMOS data. Please carefully follow the procedures to avoid damaging the motherboard.



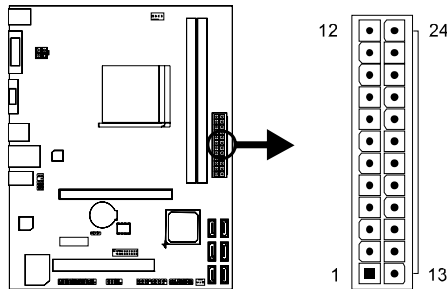
※ Clear CMOS Procedures:

1. Remove AC power line.
2. Set the jumper to “Pin 2-3 close”.
3. Wait for five seconds.
4. Set the jumper to “Pin 1-2 close”.
5. Power on the AC.
6. Load Optimal Defaults and save settings in CMOS.

2.7 Headers & Connectors

ATXPWR1: ATX Power Source Connector

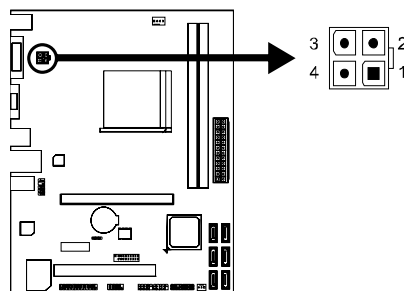
This connector allows user to connect 24-pin power connector on the ATX power supply.



| Pin | Assignment | Pin | Assignment |
|-----|------------|-----|--------------------|
| 13 | +3.3V | 1 | +3.3V |
| 14 | -12V | 2 | +3.3V |
| 15 | Ground | 3 | Ground |
| 16 | PS_ON | 4 | +5V |
| 17 | Ground | 5 | Ground |
| 18 | Ground | 6 | +5V |
| 19 | Ground | 7 | Ground |
| 20 | NC | 8 | PW_OK |
| 21 | +5V | 9 | Standby Voltage+5V |
| 22 | +5V | 10 | +12V |
| 23 | +5V | 11 | +12V |
| 24 | Ground | 12 | +3.3V |

ATXPWR2: ATX Power Source Connector

This connector will provide +12V to CPU power circuit.



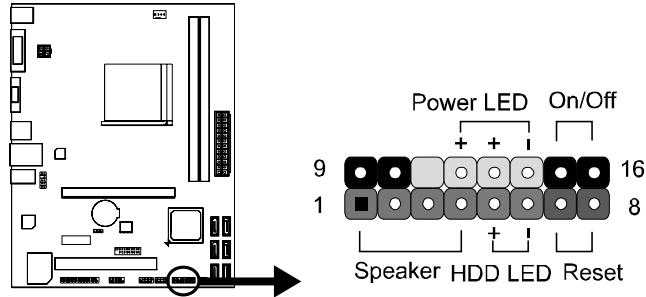
| Pin | Assignment |
|-----|------------|
| 1 | +12V |
| 2 | +12V |
| 3 | Ground |
| 4 | Ground |

Note1: Before you power on the system, please make sure that both ATXPWR1 and ATXPWR2 connectors have been plugged-in.

Note2: Insufficient power supplied to the system may result in instability or the peripherals not functioning properly. Use of a PSU with a higher power output is recommended when configuring a system with more power-consuming devices.

PANEL1: Front Panel Header

This 16-pin connector includes Power-on, Reset, HDD LED, Power LED, and speaker connection. It allows user to connect the PC case's front panel switch functions.

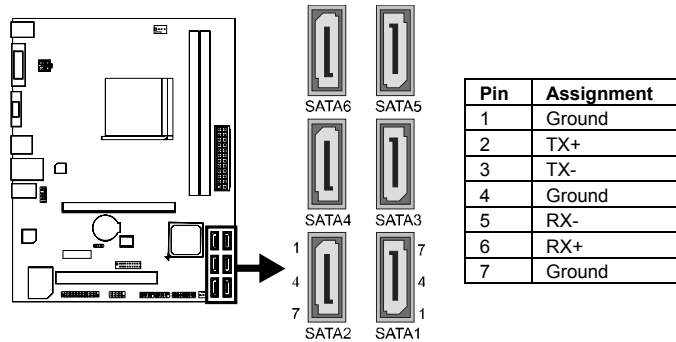


| Pin | Assignment | Function | Pin | Assignment | Function |
|-----|---------------|-------------------|-----|---------------|-----------------|
| 1 | +5V | Speaker Connector | 9 | N/A | N/A |
| 2 | N/A | | 10 | N/A | N/A |
| 3 | N/A | | 11 | N/A | N/A |
| 4 | Speaker | Hard drive LED | 12 | Power LED (+) | Power LED |
| 5 | HDD LED (+) | | 13 | Power LED (+) | |
| 6 | HDD LED (-) | | 14 | Power LED (-) | |
| 7 | Ground | Reset button | 15 | Power button | Power-on button |
| 8 | Reset control | | 16 | Ground | |

SATA1~SATA6: Serial ATA Connectors

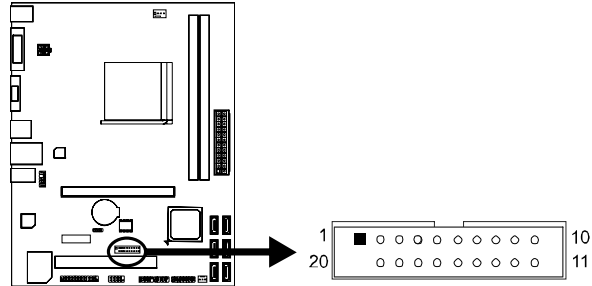
These connectors connect to SATA hard disk drives via SATA cables.

- Hi-Fi A85S3 & Hi-Fi A75S3 satisfy the SATA 3.0 spec and with transfer rate of 6.0Gb/s.
- Hi-Fi A55S3 satisfies the SATA 2.0 spec and with transfer rate of 3.0Gb/s.



JFRONT_USB3_1: Header for USB 3.0 Ports at Front Panel

This header allows user to connect additional USB cable on the PC front panel, and also can be connected with a wide range of simultaneously accessible external Plug and Play peripherals.

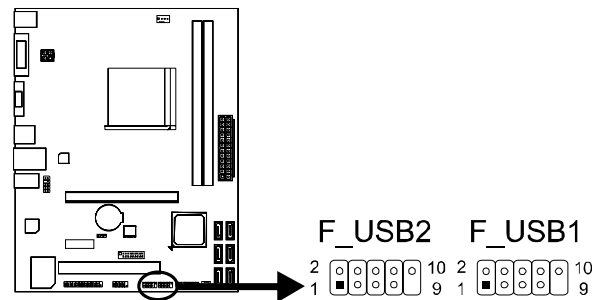


| Pin | Assignment | Pin | Assignment |
|-----|------------|-----|------------|
| 1 | VBUS0 | 11 | D2+ |
| 2 | SSRX1- | 12 | D2- |
| 3 | SSRX1+ | 13 | Ground |
| 4 | Ground | 14 | SSTX2+ |
| 5 | SSTX1- | 15 | SSTX2- |
| 6 | SSTX1+ | 16 | Ground |
| 7 | Ground | 17 | SSRX2+ |
| 8 | D1- | 18 | SSRX2- |
| 9 | D1+ | 19 | VBUS1 |
| 10 | ID | 20 | Key |

Note: The USB 3.0 header is only for Hi-Fi A85S3 and Hi-Fi A75S3

F_USB1/F_USB2: Headers for USB 2.0 Ports at Front Panel

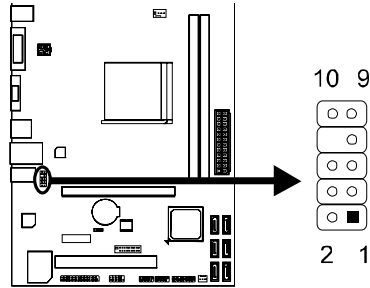
This header allows user to connect additional USB cable on the PC front panel, and also can be connected with a wide range of simultaneously accessible external Plug and Play peripherals.



| Pin | Assignment |
|-----|-------------|
| 1 | +5V (fused) |
| 2 | +5V (fused) |
| 3 | USB- |
| 4 | USB- |
| 5 | USB+ |
| 6 | USB+ |
| 7 | Ground |
| 8 | Ground |
| 9 | NC |
| 10 | Key |

F_AUDIO1: Front Panel Audio Header

This header allows user to connect the front audio output cable with the PC front panel. This header supports HD and AC'97 audio front panel connector.



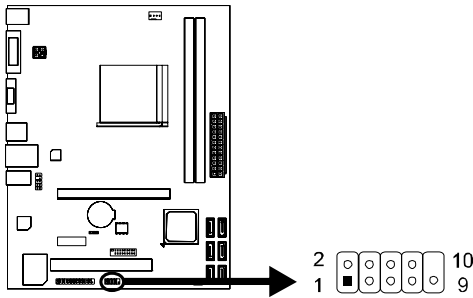
| HD Audio | | AC'97 | |
|----------|---------------|-------|--------------|
| Pin | Assignment | Pin | Assignment |
| 1 | Mic Left in | 1 | Mic In |
| 2 | Ground | 2 | Ground |
| 3 | Mic Right in | 3 | Mic Power |
| 4 | GPIO | 4 | Audio Power |
| 5 | Right line in | 5 | RT Line Out |
| 6 | Jack Sense | 6 | RT Line Out |
| 7 | Front Sense | 7 | Reserved |
| 8 | Key | 8 | Key |
| 9 | Left line in | 9 | LFT Line Out |
| 10 | Jack Sense | 10 | LFT Line Out |

Note1: It is recommended that you connect a high-definition front panel audio module to this connector to avail of the motherboard's high definition audio capability.

Note2: Please try to disable the "Front Panel Jack Detection" if you want to use an AC'97 front audio output cable. The function can be found via O.S. Audio Utility.

J_COM1: Serial Port Connector

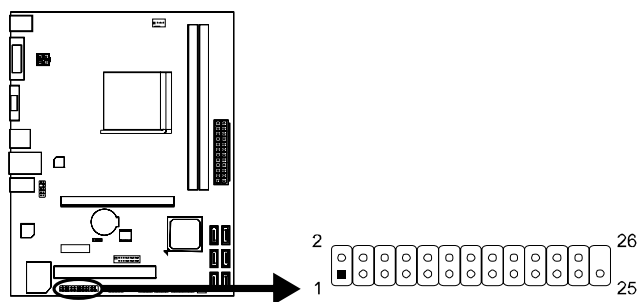
The motherboard has a Serial Port Connector for connecting RS-232 Port.



| Pin | Assignment |
|-----|---------------------|
| 1 | Carrier detect |
| 2 | Received data |
| 3 | Transmitted data |
| 4 | Data terminal ready |
| 5 | Signal ground |
| 6 | Data set ready |
| 7 | Request to send |
| 8 | Clear to send |
| 9 | Ring indicator |
| 10 | NC |

J_PRINT1: Printer Port Connector

This header allows you to connector printer on the PC.



| Pin | Assignment | Pin | Assignment |
|-----|------------|-----|------------|
| 1 | -Strobe | 14 | Ground |
| 2 | -ALF | 15 | Data 6 |
| 3 | Data 0 | 16 | Ground |
| 4 | -Error | 17 | Data 7 |
| 5 | Data 1 | 18 | Ground |
| 6 | -Init | 19 | -ACK |
| 7 | Data 2 | 20 | Ground |
| 8 | -Scltin | 21 | Busy |
| 9 | Data 3 | 22 | Ground |
| 10 | Ground | 23 | PE |
| 11 | Data 4 | 24 | Ground |
| 12 | Ground | 25 | SCLT |
| 13 | Data 5 | 26 | Key |

CHAPTER 3: UEFI BIOS & SOFTWARE

3.1 UEFI BIOS Setup

- For better system performance, the UEFI BIOS firmware is being continuously updated. The UEFI BIOS information described below in this manual is for your reference only and the actual UEFI BIOS information and settings on board may be different from this manual
- For further information of setting up the UEFI BIOS, please refer to the UEFI BIOS Manual in the Setup DVD.

3.2 BIOS Update

There are three ways to update the BIOS:
 BIOS Update Utility, BIOS Online Update Utility and BIOS Flasher.

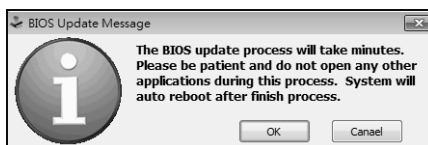
1. BIOS Update Utility

1. Installing BIOS Update Utility from the DVD Driver.
2. Download the proper BIOS from www.biostar.com.tw.

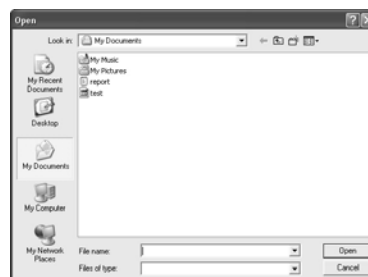
3. Open BIOS Update Utility and click the **Update BIOS** button on the main screen.



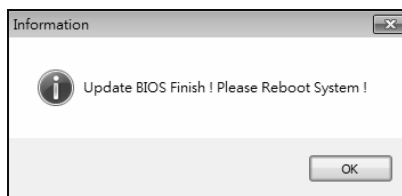
4. A warning message will show up to request your agreement to start the BIOS update. Click **OK** to start the update procedure.



5. Choose the location for your BIOS file in the system. Please select the proper BIOS file, and then click on **Open**. It will take several minutes, please be patient.



6. After the BIOS Update process is finished, click on **OK** to reboot the system.

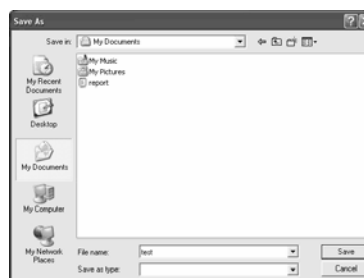


7. While the system boots up and the full screen logo shows up, please press the **Del** <Delete> key to enter BIOS setup.

After entering the BIOS setup, please go to the **Save & Exit**, using the **Restore Defaults** function to load Optimized Defaults, and select **Save Changes and Reset** to restart the computer. Then, the BIOS Update is completed.

Backup BIOS

Click the Backup BIOS button on the main screen for the backup of BIOS, and select a proper location for your backup BIOS file in the system, and click **Save**.



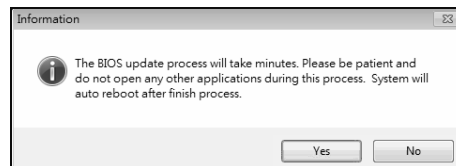
2. Online Update Utility

1. Installing BIOS Update Utility from the DVD Driver.
2. Please make sure the system is connected to the internet before using this function.

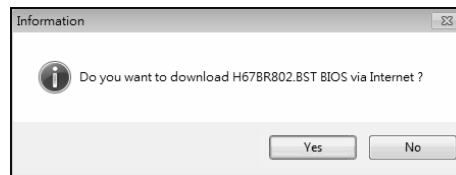
3. Open BIOS Update Utility and click the **Online Update** button on the main screen.



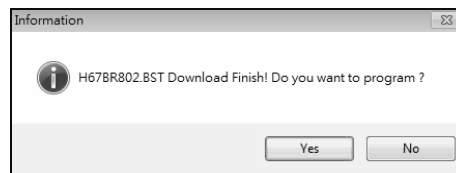
4. An open dialog will show up to request your agreement to start the BIOS update. Click **Yes** to start the online update procedure.



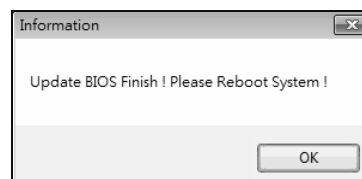
5. If there is a new BIOS version, the utility will ask you to download it. Click **Yes** to proceed.




6. After the download is completed, you will be asked to program (update) the BIOS or not. Click **Yes** to proceed.



7. After the updating process is finished, you will be asked you to reboot the system. Click **OK** to reboot.



8. While the system boots up and the full screen logo shows up, press  <Delete> key to enter BIOS setup.

After entering the BIOS setup, please go to the **Save & Exit**, using the **Restore Defaults** function to load Optimized Defaults, and select **Save Changes and Reset** to restart the computer. Then, the BIOS Update is completed.

3. BIOSTAR BIOS Flasher

BIOSTAR BIOS Flasher is a BIOS flashing utility providing you an easy and simple way to update your BIOS via USB pen drive.

Note1: This utility only allows storage device with FAT32/16 format and single partition.

Note2: Shutting down or resetting the system while updating the BIOS will lead to system boot failure.

The BIOSTAR BIOS Flasher is built in the BIOS ROM. To enter the utility, press **<F12>** during the **Power-On Self Tests (POST)** procedure while booting up.

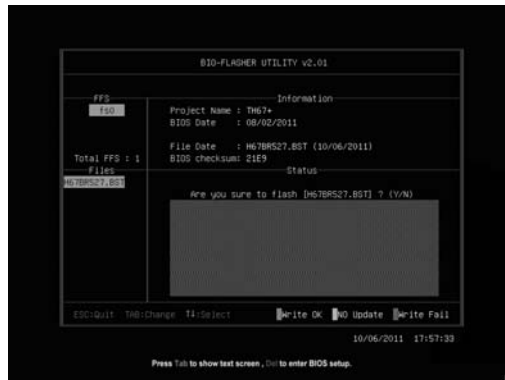
Updating BIOS with BIOSTAR BIOS Flasher

1. Go to the website to download the latest BIOS file for the motherboard.
2. Then, copy and save the BIOS file into a USB flash (pen) drive.
3. Insert the USB pen drive that contains the BIOS file to the USB port.
4. Power on or reset the computer and then press **<F12>** during the **POST** process.

5. After entering the POST screen, the BIOS-FLASHER utility pops out. Choose [fs0] to search for the BIOS file.




6. Select the proper BIOS file, and a message asking if you are sure to flash the BIOS file. Click Yes to start updating BIOS.



7. A dialog pops out after BIOS flash is completed, asking you to restart the system. Press the [Y] key to restart system.



8. While the system boots up and the full screen logo shows up, press  <Delete> key to enter BIOS setup.

After entering the BIOS setup, please go to the **Save & Exit**, using the **Restore Defaults** function to load Optimized Defaults, and select **Save Changes and Reset** to restart the computer. Then, the BIOS Update is completed.

3.3 Software

Installing Software

1. Insert the Setup DVD to the optical drive. The driver installation program would appear if the Autorun function has been enabled.
2. Select **Software Installation**, and then click on the respective software title.
3. Follow the on-screen instructions to complete the installation.

Note1: All the information and content about following software are subject to be changed without notice. For better performance, the software is being continuously updated.

Note2: The information and pictures described below are for your reference only. The actual information and settings on board may be slightly different from this manual.

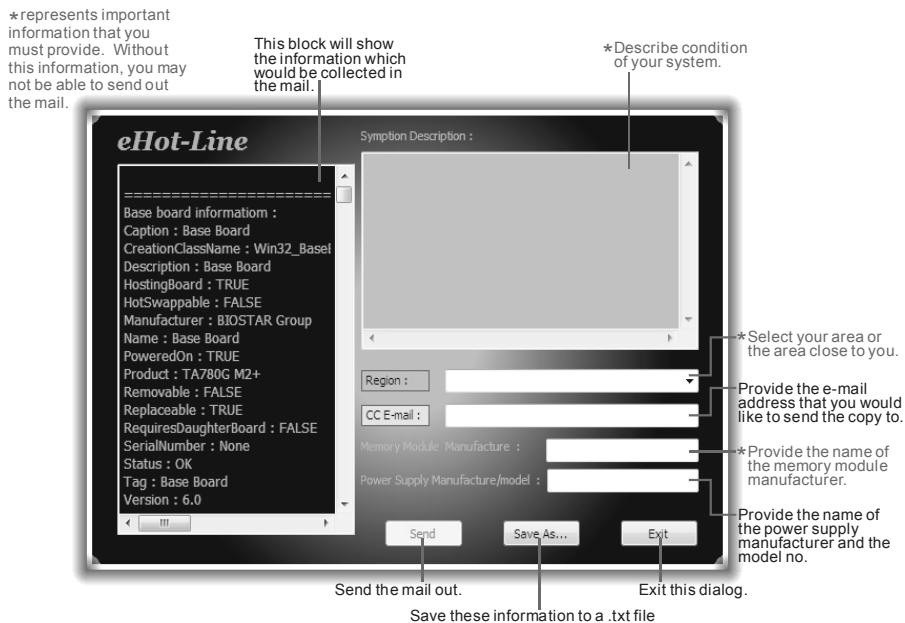
Launching Software

After the installation process is completed, you will see the software icon showing on the desktop. Double-click the icon to launch it.

eHot-Line (Optional)

eHot-Line is a convenient utility that helps you to contact with our Tech-Support system. This utility will collect the system information which is useful for analyzing the problem you may have encountered, and then send these information to our tech-support department to help you fix the problem.

Note: Before you use this utility, please set Outlook Express as your default e-mail client application program.

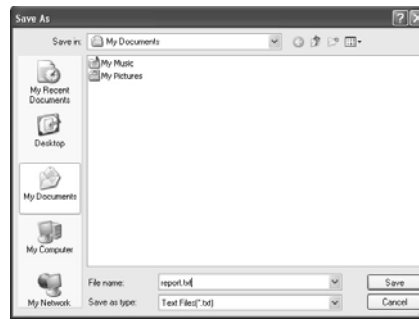


After filling up this information, click “Send” to send the mail out. A warning dialog would appear asking for your confirmation; click “Send” to confirm or “Do Not Send” to cancel.



If you want to save this information to a .txt file, click “Save As...” and then you will see a saving dialog appears asking you to enter file name.

Enter the file name and then click “Save”. Your system information will be saved to a .txt file.



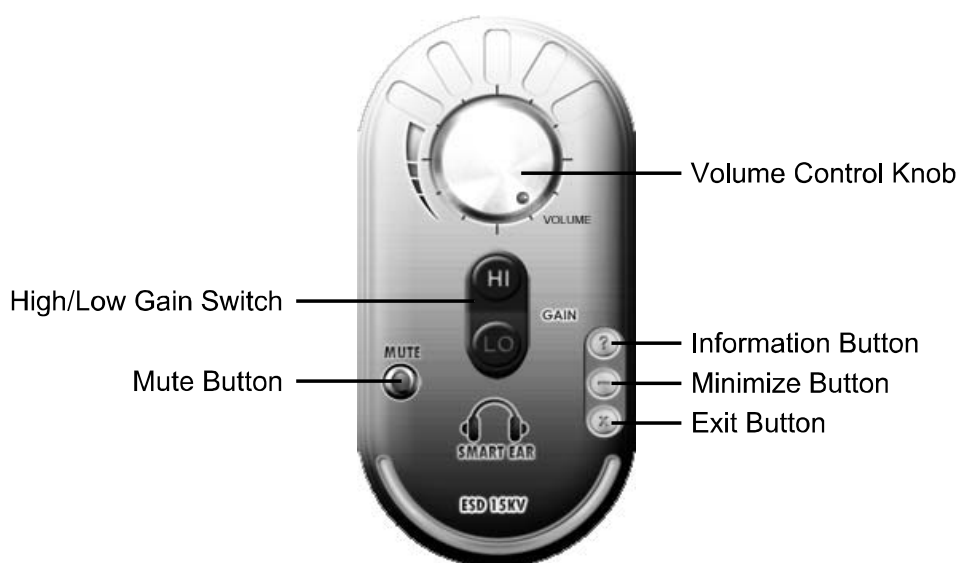
Open the saved .txt file, you will see your system information including motherboard/BIOS/CPU/video/device/OS information. This information is also concluded in the sent mail.



Note1: We will not share customer's data with any other third parties, so please feel free to provide your system information while using eHot-Line service.
Note2: If you are not using Outlook Express as your default e-mail client application, you may need to save the system information to a .txt file and send the file to our tech support with other e-mail application. Go to the following web <http://www.biostar.com.tw/app/en/about/contact.php> for getting our contact information.

Smart EAR

Smart EAR is a windows-based audio utility which allows you to easily adjust system volume. With its user-friendly GUI, you can also adjust impedance setting (Low/High Gain) to optimize your headphone performance.



- **High/Low Gain Switch:** Keep the gain switch to low for low impedance headphone and set to high for high impedance headphone.
- **Mute Button:** To disable system sound
- **Volume Control Knob:** The volume can be finely adjusted by turning the knob either clockwise or anti-clockwise to increase or decrease system volume accordingly.
- **Information Button:** Get information of the application
- **Minimize Button:** Minimize the application window to the taskbar
- **Exit Button:** Exit the application

Note:

1. Smart EAR is only supported by Windows 7/8 and BIOSTAR Hi-Fi series motherboards.
2. High/Low Gain Switch is only for "Front Panel Audio Header", please make sure you are connecting your headphone to the front panel I/O.

CHAPTER 4: USEFUL HELP

4.1 Driver Installation

After you installed your operating system, please insert the Fully Setup Driver DVD into your optical drive and install the driver for better system performance.

You will see the following window after you insert the DVD



The setup guide will auto detect your motherboard and operating system.

Note: If this window didn't show up after you insert the Driver DVD, please use file browser to locate and execute the file SETUP.EXE under your optical drive.

A. Driver Installation

To install the driver, please click on the Driver icon. The setup guide will list the compatible driver for your motherboard and operating system. Click on each device driver to launch the installation program.

B. Software Installation

To install the software, please click on the Software icon. The setup guide will list the software available for your system, click on each software title to launch the installation program.

C. Manual

Aside from the paperback manual, we also provide manual in the Driver DVD. Click on the Manual icon to browse for available manual.

Note: You will need Acrobat Reader to open the manual file. Please download the latest version of Acrobat Reader software from <http://get.adobe.com/reader/>

4.2 AMI BIOS Beep Code

Boot Block Beep Codes

| Number of Beeps | Description |
|-----------------|--|
| Continuing | Memory sizing error or Memory module not found |

POST BIOS Beep Codes

| Number of Beeps | Description |
|-----------------|---|
| 1 | Success booting. |
| 8 | Display memory error (system video adapter) |

4.3 Troubleshooting

| Probable | Solution |
|---|---|
| <ol style="list-style-type: none"> There is no power in the system. Power LED does not shine; the fan of the power supply does not work Indicator light on keyboard does not shine. | <ol style="list-style-type: none"> Make sure power cable is securely plugged in. Replace cable. Contact technical support. |
| System is inoperative. Keyboard lights are on, power indicator lights are lit, and hard drives are running. | Using even pressure on both ends of the DIMM, press down firmly until the module snaps into place. |
| System does not boot from a hard disk drive, but can be booted from optical drive. | <ol style="list-style-type: none"> Check cable running from disk to disk controller board. Make sure both ends are securely plugged in; check the drive type in the standard CMOS setup. Backing up the hard drive is extremely important. All hard disks are capable of breaking down at any time. |
| System only boots from an optical drive. Hard disks can be read, applications can be used, but system fails to boot from a hard disk. | <ol style="list-style-type: none"> Back up data and applications files. Reformat the hard drive. Re-install applications and data using backup disks. |
| Screen message shows "Invalid Configuration" or "CMOS Failure." | Review system's equipment. Make sure correct information is in setup. |
| System cannot boot after user installs a second hard drive. | <ol style="list-style-type: none"> Set master/slave jumpers correctly. Run SETUP program and select correct drive types. Call the drive manufacturers for compatibility with other drives. |

CPU Overheated

If the system shutdown automatically after power on system for seconds, that means the CPU protection function has been activated.

When the CPU is over heated, the motherboard will shutdown automatically to avoid a damage of the CPU, and the system may not power on again.

In this case, please double check:

1. The CPU cooler surface is placed evenly with the CPU surface.
2. CPU fan is rotated normally.
3. CPU fan speed is fulfilling with the CPU speed.

After confirmed, please follow steps below to relief the CPU protection function.

1. Remove the power cord from power supply for seconds.
2. Wait for seconds.
3. Plug in the power cord and boot up the system.

Or you can:

1. Clear the CMOS data.
(See "Close CMOS Header: JCMOS1" section)
2. Wait for seconds.
3. Power on the system again.

4.4 RAID Functions

Operating System

Supports Windows Vista , Windows 7 and Windows 8.

Raid Arrays

RAID supports the following types of RAID arrays:

RAID 0: RAID 0 defines a disk striping scheme that improves disk read and write times for many applications.

RAID 1: RAID 1 defines techniques for mirroring data.

RAID 10: RAID 10 combines the techniques used in RAID 0 and RAID 1.

RAID 5: RAID 5 provides fault tolerance and better utilization of disk capacity.

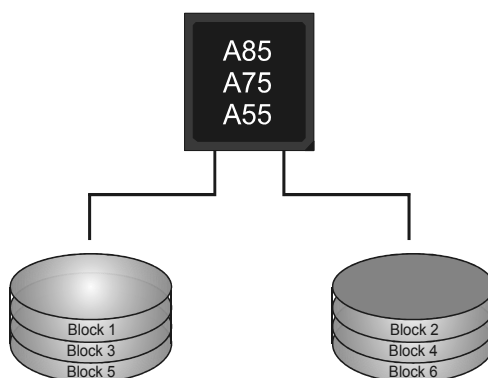
RAID Definitions

RAID 0:

The controller “stripes” data across multiple drives in a RAID 0 array system. It breaks up a large file into smaller blocks and performs disk reads and writes across multiple drives in parallel. The size of each block is determined by the stripe size parameter, which you set during the creation of the RAID set based on the system environment. This technique reduces overall disk access time and offers high bandwidth.

Features and Benefits

- **Drives:** Minimum 2, and maximum is up to 6 or 8. Depending on the platform.
- **Uses:** Intended for non-critical data requiring high data throughput, or any environment that does not require fault tolerance.
- **Benefits:** provides increased data throughput, especially for large files. No capacity loss penalty for parity.
- **Drawbacks:** Does not deliver any fault tolerance. If any drive in the array fails, all data is lost.
- **Fault Tolerance:** No.
- **Total Capacity:** (Minimal. HDD Capacity) x (Connected HDDs Amount)



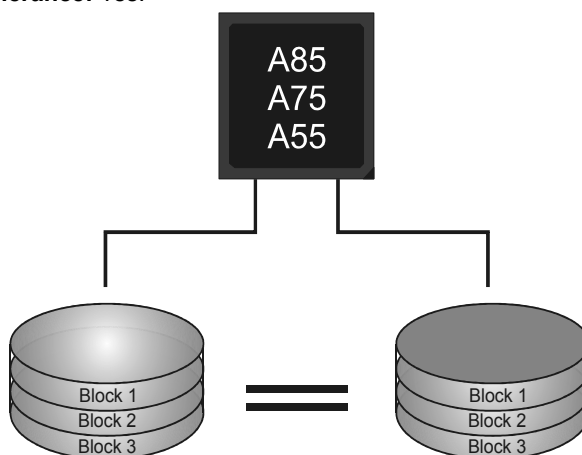
RAID 1:

Every read and write is actually carried out in parallel across 2 disk drives in a RAID 1 array system. The mirrored (backup) copy of the data can reside on the same disk or on a second redundant drive in the array. RAID 1 provides a hot-standby copy of data if the active volume or drive is corrupted or becomes unavailable because of a hardware failure.

RAID techniques can be applied for high-availability solutions, or as a form of automatic backup that eliminates tedious manual backups to more expensive and less reliable media.

Features and Benefits

- **Drives:** Minimum 2, and maximum is 2.
- **Uses:** RAID 1 is ideal for small databases or any other application that requires fault tolerance and minimal capacity.
- **Benefits:** Provides 100% data redundancy. Should one drive fail, the controller switches to the other drive.
- **Drawbacks:** Requires 2 drives for the storage space of one drive. Performance is impaired during drive rebuilds.
- **Fault Tolerance:** Yes.

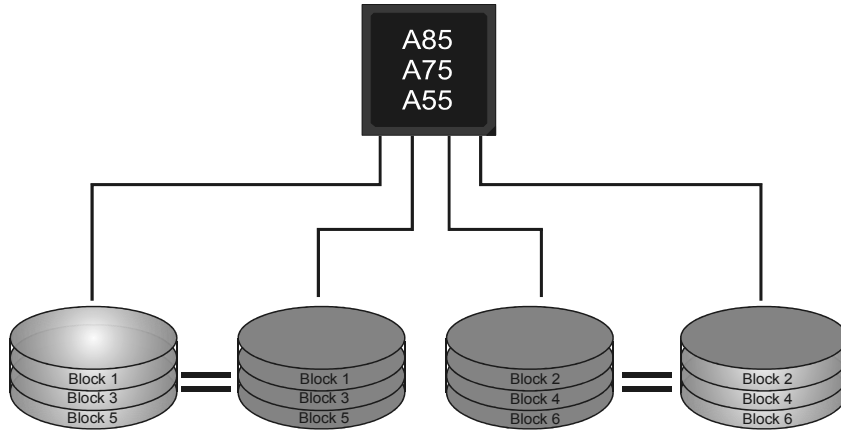


RAID 10:

RAID 1 drives can be striped using RAID 0 techniques. Resulting in a RAID 10 solution for improved resiliency, performance and rebuild performance.

Features and Benefits

- **Drives:** Minimum 4, and maximum is 6 or 8, depending on the platform.
- **Benefits:** Optimizes for both fault tolerance and performance, allowing for automatic redundancy. May be simultaneously used with other RAID levels in an array, and allows for spare disks.
- **Drawbacks:** Requires twice the available disk space for data redundancy, the same as RAID level 1.
- **Fault Tolerance:** Yes.



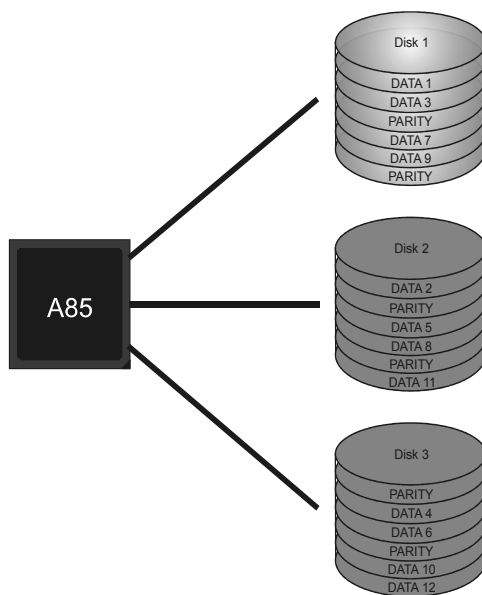
RAID 5:

RAID 5 stripes both data and parity information across three or more drives. It writes data and parity blocks across all the drives in the array. Fault tolerance is maintained by ensuring that the parity information for any given block of data is placed on a different drive from those used to store the data itself.

Note: The RAID 5 function is only supported by A85 chipset.

Features and Benefits

- **Drives:** Minimum 3.
- **Uses:** RAID 5 is recommended for transaction processing and general purpose service.
- **Benefits:** An ideal combination of good performance, good fault tolerance, and high capacity and storage efficiency.
- **Drawbacks:** Individual block data transfer rate same as a single disk. Write performance can be CPU intensive.
- **Fault Tolerance:** Yes.



4.5 AMD Dual Graphics Technology

AMD Dual Graphics Technology Introduction

When user adds a PCIE display adapter, it can be integrated with IGD to show better performance. To make the two video devices work simultaneously and normally, please refer to the following setting.

AMD Dual Graphics Requirement

- Operating System: Windows Vista / Windows 7 / Windows 8
- Supported Dual Graphics Combinations:

| AMD Radeon™ Graphics Card | A10-Series HD 7660D | A8-Series HD7560D | A6-Series HD 7540D |
|--|------------------------|----------------------|-----------------------|
| HD 6670 | ● | ● | |
| HD 6570 | ● | ● | ● |
| HD 6450 | | | ● |
| ● Recommended graphics cards for AMD dual-graphics | | | |

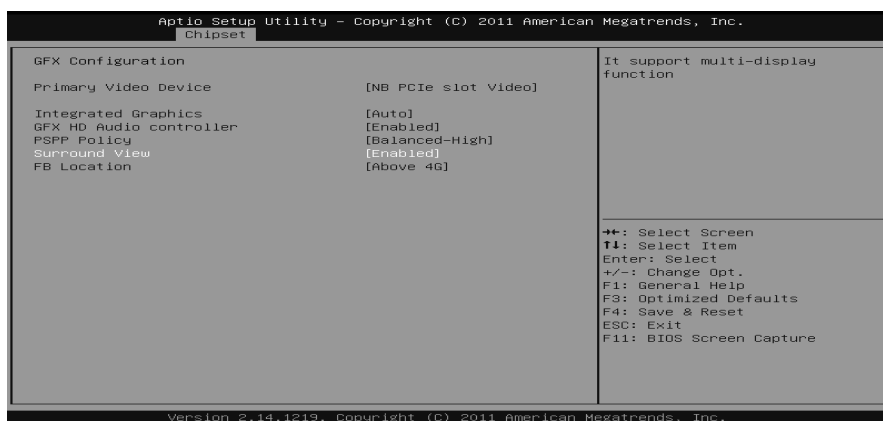
Note 1: A4-Series products do not support Dual Graphics.

Note 2: The information described above in this manual is for your reference only and the actual information and settings on board may be different from this manual. For further AMD Dual Graphics information, please visit the following website: <http://www.amd.com>

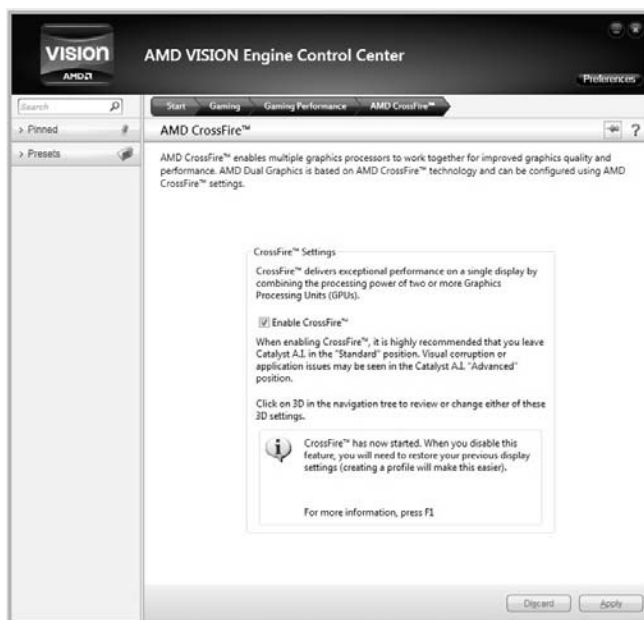
AMD Dual Graphics Setup

Step 1: Insert Dual Graphics-Ready graphics card into PEX16_1 slot.

Step 2: Set the BIOS setting as follows:
 [Chipset]→[North Bridge]→[GFX Configuration]
 →[Surround View]→[Enabled]



Step 3: Install Driver DVD Chipset Driver, and reboot the system. Activate AMD VISION Engine Control Center to make sure CrossFire has been enabled.



APPENDIX: Specifications In Other Languages**Arabic**

| المواصفات | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|-------------|-------------|-----------------|-----------------|-----------------|----------------------------------|----------------------------------|----------------------------------|--|--|--|--|--|---|--------------------------------------|--------------------------------------|--------------------------------------|--|--|--|----------------------------|--|--|--|----------------------------|----------------------------|
| قاعدة وحدة المعالجة المركزية | المأخذ FM 2 لمعالج ايه إم دي AMD تسلسل A الحد الأقصى للطاقة الحرارية في تصميم المعالج (thermal design power – TDP) : 100 واط. * يرجى الرجوع إلى الموقع www.biostar.com.tw لقائمة دعم المعالج CPU. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| مجموعة الشرائح | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| الذاكرة | تدعم قناة مزدوجة دي. دي. ار. DDR3 / 1066 / 1333 / 1600 / 1866 x2 دي. دي. ار. DDR3 فتحات الذاكرة المزدوجة DIMM، تتحمل كحد أقصى 32 جيجابايت ذاكرة كل فتحة مزدوجة DIMM تتحمل دون ECC 512 ميجا بايت 16/8/4/2/1 جيجابايت دي. دي. ار. DDR3 * يرجى الرجوع إلى الموقع www.biostar.com.tw لقائمة دعم الذاكرة. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| التخزين | ايه إم دي AMD A85/A75/A55 FCH تتحمّل رايد (FCH A85)AHCI / 10 / 1 / 0 / 5 RAID تتحمّل رايد (FCH A75/A55)AHCI / 10 / 1 / 0 RAID | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| شبكة محلية LAN | ريالتيك رت ل REALTEK RTL 8111F 1000 / 100 / 10 ميجابايت / الثانية ، تحديد تلقائي ، النصف / القدرة القصوى المزدوجة | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| الترميز الصوتي | ALC662 5.1 قنوات عالية النقة، Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ناقل متسلسل عام USB | يه إم دي AMD A85/A75 FCH منافذ x 6 ناقل متسلسل عام USB 2.0 (2 في المداخل والمخارج الخلفية و 4 من خلال الموزع الداخلي) منافذ x 4 ناقل متسلسل عام USB 3.0 (2 في المداخل والمخارج الخلفية و 2 من خلال الموزع الداخلي) يه إم دي AMD A55 FCH منافذ x 8 ناقل متسلسل عام USB 2.0 (4 في المداخل والمخارج الخلفية و 4 من خلال الموزع الداخلي) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحات التوسع | 1 x فتحة منفذ الملحقات الإضافية PCI 1 x فتحة منفذ الملحقات الإضافية PCI x2.0 1 x فتحة منفذ الملحقات الإضافية PCI x16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| المداخل والمخارج الخلفية | <table border="1"> <thead> <tr> <th>Hi-Fi A55S3</th> <th>Hi-Fi A75S3</th> <th>Hi-Fi A85S3</th> </tr> </thead> <tbody> <tr> <td>1 x PS/2 الفأرة</td> <td>1 x PS/2 الفأرة</td> <td>1 x PS/2 الفأرة</td> </tr> <tr> <td>1 x PS/2 لوحة المفاتيح للكمبيوتر</td> <td>1 x PS/2 لوحة المفاتيح للكمبيوتر</td> <td>1 x PS/2 لوحة المفاتيح للكمبيوتر</td> </tr> <tr> <td>فتحة توصيل عدد 1 منظومة العرض المرئي VGA</td> <td>فتحة توصيل عدد 1 منظومة العرض المرئي VGA</td> <td>فتحة توصيل عدد 1 منظومة العرض المرئي VGA</td> </tr> <tr> <td>فتحة توصيل عدد 1 واجهة مرئية رقمية DVI</td> <td>فتحة توصيل عدد 1 واجهة مرئية رقمية DVI</td> <td>فتحة توصيل عدد 1 واجهة مرئية رقمية HDMI</td> </tr> <tr> <td>فتحة لتوصيل عدد 1 الشبكة المحلية LAN</td> <td>فتحة لتوصيل عدد 1 الشبكة المحلية LAN</td> <td>فتحة لتوصيل عدد 1 الشبكة المحلية LAN</td> </tr> <tr> <td>فتحة توصيل عدد 4 ناقل متسلسل عام 2.0 USB</td> <td>فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB</td> <td>فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB</td> </tr> <tr> <td>فتحة توصيل عدد 3 جاك للصوت</td> <td>فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB</td> <td>فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB</td> </tr> <tr> <td></td> <td>فتحة توصيل عدد 3 جاك للصوت</td> <td>فتحة توصيل عدد 3 جاك للصوت</td> </tr> </tbody> </table> | Hi-Fi A55S3 | Hi-Fi A75S3 | Hi-Fi A85S3 | 1 x PS/2 الفأرة | 1 x PS/2 الفأرة | 1 x PS/2 الفأرة | 1 x PS/2 لوحة المفاتيح للكمبيوتر | 1 x PS/2 لوحة المفاتيح للكمبيوتر | 1 x PS/2 لوحة المفاتيح للكمبيوتر | فتحة توصيل عدد 1 منظومة العرض المرئي VGA | فتحة توصيل عدد 1 منظومة العرض المرئي VGA | فتحة توصيل عدد 1 منظومة العرض المرئي VGA | فتحة توصيل عدد 1 واجهة مرئية رقمية DVI | فتحة توصيل عدد 1 واجهة مرئية رقمية DVI | فتحة توصيل عدد 1 واجهة مرئية رقمية HDMI | فتحة لتوصيل عدد 1 الشبكة المحلية LAN | فتحة لتوصيل عدد 1 الشبكة المحلية LAN | فتحة لتوصيل عدد 1 الشبكة المحلية LAN | فتحة توصيل عدد 4 ناقل متسلسل عام 2.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB | فتحة توصيل عدد 3 جاك للصوت | فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB | | فتحة توصيل عدد 3 جاك للصوت | فتحة توصيل عدد 3 جاك للصوت |
| Hi-Fi A55S3 | Hi-Fi A75S3 | Hi-Fi A85S3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 x PS/2 الفأرة | 1 x PS/2 الفأرة | 1 x PS/2 الفأرة | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 x PS/2 لوحة المفاتيح للكمبيوتر | 1 x PS/2 لوحة المفاتيح للكمبيوتر | 1 x PS/2 لوحة المفاتيح للكمبيوتر | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحة توصيل عدد 1 منظومة العرض المرئي VGA | فتحة توصيل عدد 1 منظومة العرض المرئي VGA | فتحة توصيل عدد 1 منظومة العرض المرئي VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحة توصيل عدد 1 واجهة مرئية رقمية DVI | فتحة توصيل عدد 1 واجهة مرئية رقمية DVI | فتحة توصيل عدد 1 واجهة مرئية رقمية HDMI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحة لتوصيل عدد 1 الشبكة المحلية LAN | فتحة لتوصيل عدد 1 الشبكة المحلية LAN | فتحة لتوصيل عدد 1 الشبكة المحلية LAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحة توصيل عدد 4 ناقل متسلسل عام 2.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 2.0 USB | | | | | | | | | | | | | | | | | | | | | | | | | | |
| فتحة توصيل عدد 3 جاك للصوت | فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB | فتحة توصيل عدد 2 ناقل متسلسل عام 3.0 USB | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | فتحة توصيل عدد 3 جاك للصوت | فتحة توصيل عدد 3 جاك للصوت | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| المواصفات | | | |
|---|---|---|--------------------------|
| Hi-Fi A55S3 | Hi-Fi A75S3 | Hi-Fi A85S3 | |
| وصلة 6 SATA x 3 جيجابايت / الثانية | وصلة 6 SATA x 6 جيجابايت / الثانية | وصلة 6 SATA x 6 جيجابايت / الثانية | |
| موزع 2x ناقل متسلسل عام USB 2.0 | موزع 2x ناقل متسلسل عام USB 2.0 | موزع 2x ناقل متسلسل عام USB 2.0 | |
| موصلة للطاقة 4 x 1 دبابيس وصلة للطاقة 24 x1 دبابيس | موزع 1x ناقل متسلسل عام USB 3.0 | موزع 1x ناقل متسلسل عام USB 3.0 | |
| وصلة 1 مروحة تبريد وحدة المعالجة المركزية | موصلة للطاقة 4 x 1 دبابيس وصلة للطاقة 24 x1 دبابيس | موصلة للطاقة 4 x 1 دبابيس وصلة للطاقة 24 x1 دبابيس | المدخل والمخارج الداخلية |
| وصلة 1 مروحة تبريد المنظومة موزع 1 x اللوحة الأمامية | وصلة 1 مروحة تبريد وحدة المعالجة المركزية | وصلة 1 مروحة تبريد وحدة المعالجة المركزية | |
| موزع 1x الصوت الأمامي | وصلة 1 مروحة تبريد المنظومة موزع 1 x اللوحة الأمامية | وصلة 1 مروحة تبريد المنظومة موزع 1 x اللوحة الأمامية | |
| موزع 1x فتحة للطابعة | موزع 1x الصوت الأمامي | موزع 1x الصوت الأمامي | |
| موزع 1x فتحة تسلسلية | موزع 1x سيموس مباشر موزع 1x فتحة للطابعة موزع 1x فتحة تسلسلية | موزع 1x سيموس مباشر موزع 1x فتحة للطابعة موزع 1x فتحة تسلسلية | |
| عامل شكل مدد التكنولوجيا المتقدمة microATX ، 244 مم x 191 مم | | | عامل الشكل |
| ويندوز إكس بي windows xp / ويندوز فيستا / ويندوز 7 / ويندوز 8 | | | أنظمة التشغيل المدعومة |
| بيوستار BIOSTAR تحتفظ بحق إضافة أو إزالة الدعم لأي نظام تشغيل مع أو بدون أنظار. | | | |

French

| Spécifications | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------------------|--------------|--------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|--|
| Support Unité Centrale | Interface de connexion FM2 pour série A AMD processeur Enveloppe thermique Unité Centrale maximum : 100Watt * Veuillez vous reporter à www.biostar.com.tw pour la liste des supports modèles d'Unité Centrale. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jeu de puces | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mémoire | Supporte mémoire DDR3 double canal 800/ 1066/ 1333/ 1600/ 1866 Banc de mémoire 2 x DDR3 DIMM, Supporte max. jusqu'à une mémoire de 32 GB Chaque module DIMM supporte module DDR3 non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB * Veuillez vous reporter à www.biostar.com.tw pour la liste des soutien de la mémoire. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stockage | AMD A85/A75/A55 FCH Supporte système RAID 0,1,10, 5 & AHCI (A85 FCH) Supporte système RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Réseau local | Realtek RTL 8111F 10/ 100/ 1000 Mb/s auto négociation, capacité bidirectionnelle à l'alternat / bidirectionnelle simultanée | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Codec audio | ALC662 Canaux 5.1, écoute audio de haute définition, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | AMD A85/A75 FCH Port 6x USB 2.0 (2 sur les I/O arrières et 4 en interne) Port 4x USB 3.0 (2 sur les I/O arrières et 2 en interne) AMD A55 FCH Port 8x USB 2.0 (4 sur les I/O arrières et 4 en interne) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connecteur d'extension | 1x Fente PCI 1x PCIe 2.0 x1 Fente 1x PCIe 2.0 x16 Fente | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I/O arrières | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>1x PS/2 Clavier</td> <td>1x PS/2 Clavier</td> <td>1x PS/2 Clavier</td> </tr> <tr> <td>1x PS/2 Souris</td> <td>1x PS/2 Souris</td> <td>1x PS/2 Souris</td> </tr> <tr> <td>1x Port VGA</td> <td>1x Port VGA</td> <td>1x Port VGA</td> </tr> <tr> <td>1x Port HDMI</td> <td>1x Port DVI</td> <td>1x Port DVI</td> </tr> <tr> <td>1x port LAN</td> <td>1x port LAN</td> <td>1x port LAN</td> </tr> <tr> <td>2x Port USB 2.0</td> <td>2x Port USB 2.0</td> <td>4x Port USB 2.0</td> </tr> <tr> <td>2x Port USB 3.0</td> <td>2x Port USB 3.0</td> <td>3x entrées audio</td> </tr> <tr> <td>3x entrées audio</td> <td>3x entrées audio</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | 1x PS/2 Clavier | 1x PS/2 Clavier | 1x PS/2 Clavier | 1x PS/2 Souris | 1x PS/2 Souris | 1x PS/2 Souris | 1x Port VGA | 1x Port VGA | 1x Port VGA | 1x Port HDMI | 1x Port DVI | 1x Port DVI | 1x port LAN | 1x port LAN | 1x port LAN | 2x Port USB 2.0 | 2x Port USB 2.0 | 4x Port USB 2.0 | 2x Port USB 3.0 | 2x Port USB 3.0 | 3x entrées audio | 3x entrées audio | 3x entrées audio | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 Clavier | 1x PS/2 Clavier | 1x PS/2 Clavier | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 Souris | 1x PS/2 Souris | 1x PS/2 Souris | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x Port VGA | 1x Port VGA | 1x Port VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x Port HDMI | 1x Port DVI | 1x Port DVI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x port LAN | 1x port LAN | 1x port LAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x Port USB 2.0 | 2x Port USB 2.0 | 4x Port USB 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x Port USB 3.0 | 2x Port USB 3.0 | 3x entrées audio | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3x entrées audio | 3x entrées audio | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| Spécifications | | | |
|------------------------|---|--|--|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| | 6x Connecteur SATA 6.0Gb/s | 6x Connecteur SATA 6.0Gb/s | 6x Connecteur SATA 3.0Gb/s |
| | 2x embases USB 2.0 | 2x embases USB 2.0 | 2x embases USB 2.0 |
| | 1x embases USB 3.0 | 1x embases USB 3.0 | 1x 4-Broche de carte |
| | 1x 4-Broche de carte | 1x 4-Broche de carte | 1x 24-Broche de carte |
| | 1x 24-Broche de carte | 1x 24-Broche de carte | 1x Connecteur ventilateur unité centrale |
| | 1x Connecteur ventilateur unité centrale | 1x Connecteur ventilateur unité centrale | 1x Connecteur ventilateur système |
| | 1x Connecteur ventilateur système | 1x Connecteur ventilateur système | 1x Fiche panneau avant |
| | 1x Fiche panneau avant | 1x Fiche panneau avant | 1x Fiche audio avant |
| | 1x Fiche audio avant | 1x Fiche audio avant | 1x Fiche mémoire CMOS vide |
| | 1x Fiche mémoire CMOS vide | 1x Fiche mémoire CMOS vide | 1x Embase port imprimante |
| | 1x Embase port imprimante | 1x Embase port imprimante | 1x Embase port série |
| | 1x Embase port série | 1x Embase port série | |
| Facteur d'encombrement | Facteur d'encombrement microATX, 244 mm x 191 mm | | |
| Support SE | Windows XP / Vista / 7 / 8 Biostar se réserve le droit d'ajouter ou d'enlever le support pour toute SE avec ou sans préavis. | | |

German

| Spezifikationen | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|------------------|--------------|--------------|--------------|--------------|--------------|------------------|------------------|------------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|--|
| CPU-Unterstützung | Anschluss-FM2 für AMD A-Serie Prozessor Maximale CPU TDP (Thermal Design Power): 100 Watt * Bitte konsultieren Sie www.biostar.com.tw für CPU-Unterstützungsliste | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chipset | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Festplattenspeicher | Unterstützt zweikanaliges DDR3 800/ 1066/ 1333/ 1600/ 1866 2 x DDR3 DIMM-SpeicherSlot, Max. Unterstützung bis zu 32 GB-Speicher Jedes DIMM unterstützt nicht-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3-Module * Bitte konsultieren Sie www.biostar.com.tw für Speicherunterstützung Liste. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arbeitsspeicher | AMD A85/A75/A55 FCH Unterstützt RAID 0,1,10, 5 & AHCI (A85 FCH) Unterstützt RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | Realtek RTL 8111F 10/ 100/ 1000 Mb Auto-Negotiation, Halb- / Voll-Duplex-fähig | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audio-Codec | ALC662 5.1 Kanäle, HD-Audio, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | AMD A85/A75 FCH: 6x USB 2.0-Port (2 hintere I/Os und 4 via interne Header) 4x USB 3.0-Port (2 hintere I/Os und 2 via interne Header) AMD A55 FCH: 8x USB 2.0-Port (4 hintere I/Os und 4 via interne Header) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erweiterungsschlüsse | 1x PCI-Slot 1x PCIe 2.0 x1-Slot 1x PCIe 2.0 x16-Slot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hintere I/Os | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>1x PS/2-Maus</td> <td>1x PS/2-Maus</td> <td>1x PS/2-Maus</td> </tr> <tr> <td>1x PS/2-Keyboard</td> <td>1x PS/2-Keyboard</td> <td>1x PS/2-Keyboard</td> </tr> <tr> <td>1x VGA-Port</td> <td>1x VGA-Port</td> <td>1x VGA-Port</td> </tr> <tr> <td>1x HDMI -Port</td> <td>1x DVI-Port</td> <td>1x DVI-Port</td> </tr> <tr> <td>1x LAN-Port</td> <td>1x LAN-Port</td> <td>1x LAN-Port</td> </tr> <tr> <td>2x USB 2.0-Port</td> <td>2x USB 2.0-Port</td> <td>4x USB 2.0-Port</td> </tr> <tr> <td>2x USB 3.0-Port</td> <td>2x USB 3.0-Port</td> <td>3x Audio Jack</td> </tr> <tr> <td>3x Audio Jack</td> <td>3x Audio Jack</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | 1x PS/2-Maus | 1x PS/2-Maus | 1x PS/2-Maus | 1x PS/2-Keyboard | 1x PS/2-Keyboard | 1x PS/2-Keyboard | 1x VGA-Port | 1x VGA-Port | 1x VGA-Port | 1x HDMI -Port | 1x DVI-Port | 1x DVI-Port | 1x LAN-Port | 1x LAN-Port | 1x LAN-Port | 2x USB 2.0-Port | 2x USB 2.0-Port | 4x USB 2.0-Port | 2x USB 3.0-Port | 2x USB 3.0-Port | 3x Audio Jack | 3x Audio Jack | 3x Audio Jack | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2-Maus | 1x PS/2-Maus | 1x PS/2-Maus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2-Keyboard | 1x PS/2-Keyboard | 1x PS/2-Keyboard | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x VGA-Port | 1x VGA-Port | 1x VGA-Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x HDMI -Port | 1x DVI-Port | 1x DVI-Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x LAN-Port | 1x LAN-Port | 1x LAN-Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 2.0-Port | 2x USB 2.0-Port | 4x USB 2.0-Port | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 3.0-Port | 2x USB 3.0-Port | 3x Audio Jack | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3x Audio Jack | 3x Audio Jack | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| Spezifikationen | | | |
|------------------------|--|--------------------------------------|--------------------------------|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| Interne I/Os | 6x SATA 6.0Gb/s-Verbindung | 6x SATA 6.0Gb/s-Verbindung | 6x SATA 3.0Gb/s-Verbindung |
| | 2x USB 2.0-Header | 2x USB 2.0-Header | 2x USB 2.0-Header |
| | 1x USB 3.0-Header | 1x USB 3.0-Header | 1x 4-Pin-Stromverbindung |
| | 1x 4-Pin-Stromverbindung | 1x 4-Pin-Stromverbindung | 1x 24-Pin-Stromverbindung |
| | 1x 24-Pin-Stromverbindung | 1x 24-Pin-Stromverbindung | 1x CPU-Ventilatorverbindung |
| | 1x CPU-Ventilatorverbindung | 1x CPU-Ventilatorverbindung | 1x System-Ventilatorverbindung |
| | 1x System-Ventilatorverbindung | 1x System-Ventilatorverbindung | 1x Header für Frontpanel |
| | 1x Header für Frontpanel | 1x Header für Frontpanel | 1x Header für Frontaudio |
| | 1x Header für Frontaudio | 1x Header für Frontaudio | 1x Header für klares CMOS |
| | 1x Header für klares CMOS | 1x Header für klares CMOS | 1x Header für Druckerport |
| | 1x Header für Druckerport | 1x Header für Druckerport | 1x Serieller Port-Header |
| | 1x Serieller Port-Header | 1x Serieller Port-Header | |
| | Formfaktor | microATX Formfaktor, 244 mm x 191 mm | |
| OS-Unterstützung | Windows XP / Vista / 7 / 8 Biostar reserves the right to add or remove support for any OS with or without notice. | | |

Italian

| Specificazioni | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|------------------|--------------|--------------|---------------|---------------|---------------|------------------|------------------|------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|--|
| Supporto processore | Slot FM2 per processore AMD serie-A Alimentazione di Proiezione Termico (TDP – Thermal Design Power): 100Watt * Si prega di consultare www.biostar.com.tw per la lista di supporto del processore. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tipo scheda | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memoria | Supporta DDR3 800/ 1066/ 1333/ 1600/ 1866 Doppio Canale 2 x DDR3 DIMM Slot di Memoria Supporta fino a 32 GB Memoria Ogni DIMM supporta non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 moduli * Si prega di consultare www.biostar.com.tw per la lista di supporto del memoria. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memorizzazione | AMD A85/A75/A55 FCH Supporta RAID 0,1,10, 5 & AHCI (A85 FCH) Supporta RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Catena | Realtek RTL 8111F 10/ 100/ 1000 Mb auto negoziazione, capacita di duplex Meta / Completo | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Codec Audio | ALC662 Canali Audio di Alta Definizione 5.1, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | Piattaforma AMD A85/A75 FCH: Slot 6x USB 2.0 (2 nei ingressi/ uscite posteriore e 4 da distributori interni) Slot 4x USB 3.0 (2 nei ingressi/ uscite posteriore e 2 da distributori interni) Piattaforma AMD A55 FCH: Slot 8x USB 2.0 (4 nei ingressi/ uscite posteriore e 4 da distributori interni) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot di espansione | Slot 1x PCI Slot 1x PCIe 2.0 x1 Slot 1x PCIe 2.0 x16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ingressi/ Uscite Posteriore | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>Mouse 1x PS/2</td> <td>Mouse 1x PS/2</td> <td>Mouse 1x PS/2</td> </tr> <tr> <td>Tastiera 1x PS/2</td> <td>Tastiera 1x PS/2</td> <td>Tastiera 1x PS/2</td> </tr> <tr> <td>Slot 1x VGA</td> <td>Slot 1x VGA</td> <td>Slot 1x VGA</td> </tr> <tr> <td>Slot 1x HDMI</td> <td>Slot 1x DVI</td> <td>Slot 1x DVI</td> </tr> <tr> <td>Slot 1x LAN</td> <td>Slot 1x LAN</td> <td>Slot 1x LAN</td> </tr> <tr> <td>Slot 2x USB 2.0</td> <td>Slot 2x USB 2.0</td> <td>Slot 4x USB 2.0</td> </tr> <tr> <td>Slot 2x USB 3.0</td> <td>Slot 2x USB 3.0</td> <td>Jack audio 3x</td> </tr> <tr> <td>Jack audio 3x</td> <td>Jack audio 3x</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | Mouse 1x PS/2 | Mouse 1x PS/2 | Mouse 1x PS/2 | Tastiera 1x PS/2 | Tastiera 1x PS/2 | Tastiera 1x PS/2 | Slot 1x VGA | Slot 1x VGA | Slot 1x VGA | Slot 1x HDMI | Slot 1x DVI | Slot 1x DVI | Slot 1x LAN | Slot 1x LAN | Slot 1x LAN | Slot 2x USB 2.0 | Slot 2x USB 2.0 | Slot 4x USB 2.0 | Slot 2x USB 3.0 | Slot 2x USB 3.0 | Jack audio 3x | Jack audio 3x | Jack audio 3x | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mouse 1x PS/2 | Mouse 1x PS/2 | Mouse 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tastiera 1x PS/2 | Tastiera 1x PS/2 | Tastiera 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot 1x VGA | Slot 1x VGA | Slot 1x VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot 1x HDMI | Slot 1x DVI | Slot 1x DVI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot 1x LAN | Slot 1x LAN | Slot 1x LAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot 2x USB 2.0 | Slot 2x USB 2.0 | Slot 4x USB 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot 2x USB 3.0 | Slot 2x USB 3.0 | Jack audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack audio 3x | Jack audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| Specificazioni | | | |
|--------------------------|--|--|--------------------------------------|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| Ingressi/ Uscite Interni | Connettore 6x SATA 6.0Gb/s | Connettore 6x SATA 6.0Gb/s | Connettore 6x SATA 3.0Gb/s |
| | Distributore 2x USB 2.0 | Distributore 2x USB 2.0 | Distributore 2x USB 2.0 |
| | Distributore 1x USB 3.0 | Distributore 1x USB 3.0 | Connettore con 4 pin x1 |
| | Connettore con 4 pin x1 | Connettore con 4 pin x1 | Connettore con 24 pin x1 |
| | Connettore con 24 pin x1 | Connettore con 24 pin x1 | Connettore Ventilatore processore x1 |
| | Connettore Ventilatore processore x1 | Connettore Ventilatore processore x1 | Connettore Ventilatore Sistema x1 |
| | Connettore Ventilatore Sistema x1 | Connettore Ventilatore Sistema x1 | Distributore Pannello Frontale x1 |
| | Distributore Pannello Frontale x1 | Distributore Pannello Frontale x1 | Distributore Audio Frontale x1 |
| | Distributore Audio Frontale x1 | Distributore Audio Frontale x1 | Distributore CMOS Diretto x1 |
| | Distributore CMOS Diretto x1 | Distributore CMOS Diretto x1 | Distributore Slot Stampante x1 |
| | Distributore Slot Stampante x1 | Distributore Slot Stampante x1 | Distributore Slot Serie x1 |
| | Distributore Slot Serie x1 | Distributore Slot Serie x1 | |
| | Fattore di Forma | Fattore di Forma microATX, 244 mm x 191 mm | |
| Supporto SO | Windows XP / Vista / 7 / 8 Biostar si riserva il diritto di aggiungere o ritirare il supporto per qualsiasi SO con o senza preavviso. | | |

Japanese

| 仕様 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|----------------|--------------|--------------|---------------|---------------|---------------|-------------|-------------|-------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|--|
| CPU サポート | AMD A-シリーズ プロセッサの Socket FM2 最大 CPU TDP (Thermal Design Power 最大放熱量) :100 W *CPU サポート リストについては、 www.biostar.com.tw を参照してください。 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| チップセット | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| メモリ | デュアルチャンネル DDR3 800/ 1066/ 1333/ 1600/ 1866 をサポート 2 x DDR3 DIMM メモリ スロット、最大 32 GB メモリまでサポート 各 DIMM は、非-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 モジュールをサポートしています *サポートされているメモリのリストについては、 www.biostar.com.tw を参照してください。 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 保存スペース | AMD A85/A75/A55 FCH RAID 0,1,10, 5 & AHCI のサポート (A85 FCH) RAID 0,1,10 & AHCI のサポート (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | Realtek RTL 8111F 10/ 100/ 1000 Mb/s オートネゴシエーション、半/全 二重通信 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| オーディオ コーデック | ALC662 5.1 チャンネル, ハイ デフィニション オーディオ, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | AMD A85/A75 FCH: 6x USB 2.0 ポート (後部 I/O に2つ 及び 内蔵ヘッダー経由に4つ) 4x USB 3.0 ポート (後部 I/O に2つ 及び 内蔵ヘッダー経由に2つ) AMD A55 FCH: 8x USB 2.0 ポート (後部 I/O に4つ 及び 内蔵ヘッダー経由に4つ) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 拡張スロット | 1x PCI スロット 1x PCIe 2.0 x1 スロット 1x PCIe 2.0 x16 スロット | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 後部 I/O | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>1x PS/2 キーボード</td> <td>1x PS/2 キーボード</td> <td>1x PS/2 キーボード</td> </tr> <tr> <td>1x PS/2 マウス</td> <td>1x PS/2 マウス</td> <td>1x PS/2 マウス</td> </tr> <tr> <td>1x VGA ポート</td> <td>1x VGA ポート</td> <td>1x VGA ポート</td> </tr> <tr> <td>1x HDMI ポート</td> <td>1x DVI ポート</td> <td>1x DVI ポート</td> </tr> <tr> <td>1x LAN ポート</td> <td>1x LAN ポート</td> <td>1x LAN ポート</td> </tr> <tr> <td>2x USB 2.0 ポート</td> <td>2x USB 2.0 ポート</td> <td>4x USB 2.0 ポート</td> </tr> <tr> <td>2x USB 3.0 ポート</td> <td>2x USB 3.0 ポート</td> <td>3x オーディオ ジャック</td> </tr> <tr> <td>3x オーディオ ジャック</td> <td>3x オーディオ ジャック</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | 1x PS/2 キーボード | 1x PS/2 キーボード | 1x PS/2 キーボード | 1x PS/2 マウス | 1x PS/2 マウス | 1x PS/2 マウス | 1x VGA ポート | 1x VGA ポート | 1x VGA ポート | 1x HDMI ポート | 1x DVI ポート | 1x DVI ポート | 1x LAN ポート | 1x LAN ポート | 1x LAN ポート | 2x USB 2.0 ポート | 2x USB 2.0 ポート | 4x USB 2.0 ポート | 2x USB 3.0 ポート | 2x USB 3.0 ポート | 3x オーディオ ジャック | 3x オーディオ ジャック | 3x オーディオ ジャック | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 キーボード | 1x PS/2 キーボード | 1x PS/2 キーボード | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x PS/2 マウス | 1x PS/2 マウス | 1x PS/2 マウス | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x VGA ポート | 1x VGA ポート | 1x VGA ポート | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x HDMI ポート | 1x DVI ポート | 1x DVI ポート | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1x LAN ポート | 1x LAN ポート | 1x LAN ポート | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 2.0 ポート | 2x USB 2.0 ポート | 4x USB 2.0 ポート | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2x USB 3.0 ポート | 2x USB 3.0 ポート | 3x オーディオ ジャック | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3x オーディオ ジャック | 3x オーディオ ジャック | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| 仕様 | | | | |
|--------|----------------------|---|----------------------|--|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | |
| 内蔵 I/O | 6x SATA 6.0Gb/s コネクタ | 6x SATA 6.0Gb/s コネクタ | 6x SATA 3.0Gb/s コネクタ | |
| | 2x USB 2.0 ヘッダー | 2x USB 2.0 ヘッダー | 2x USB 2.0 ヘッダー | |
| | 1x USB 3.0 ヘッダー | 1x USB 3.0 ヘッダー | 1x 4-Pin パワー コネクタ | |
| | 1x 4-Pin パワー コネクタ | 1x 4-Pin パワー コネクタ | 1x 24-Pin パワー コネクタ | |
| | 1x 24-Pin パワー コネクタ | 1x 24-Pin パワー コネクタ | 1x CPU ファン コネクタ | |
| | 1x CPU ファン コネクタ | 1x CPU ファン コネクタ | 2x システム ファン コネクタ | |
| | 1x システム ファン コネクタ | 1x システム ファン コネクタ | 1x フロント パネル ヘッダー | |
| | 1x フロント パネル ヘッダー | 1x フロント パネル ヘッダー | 1x フロント オーディオ ヘッダー | |
| | 1x フロント オーディオ ヘッダー | 1x フロント オーディオ ヘッダー | 1x クリア CMOS ヘッダー | |
| | 1x クリア CMOS ヘッダー | 1x クリア CMOS ヘッダー | 1x プリンター ポート ヘッダー | |
| | 1x プリンター ポート ヘッダー | 1x プリンター ポート ヘッダー | 1x シリアル ポート ヘッダー | |
| | 1x シリアル ポート ヘッダー | 1x シリアル ポート ヘッダー | | |
| | フォーム ファクタ | microATX フォーム ファクタ、244 mm x 191 mm | | |
| | サポート OS | Windows XP / Vista / 7 / 8 Biostar には、通知なしでサポート OS を変更する権限があります。 | | |

Polish

| Specyfikacje techniczne | | | |
|---------------------------------|--|--|--|
| Obsługa procesora | Gniazdo procesora (Socket) FM2 dla procesorów AMD seria-A Moc Wydzielanego Ciepła (TDP - Thermal Design Power): 100Watt * Proszę sprawdzić listę obsługiwanych procesorów na stronie internetowej www.biostar.com.tw | | |
| Rodzaj płyty | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | |
| Pamięć | Obsługa pamięci DDR3 800/ 1066/ 1333/ 1600/ 1866 Dwukanałowa 2 x DDR3 DIMM Pamięć Gniazda procesora (Slot), Maksymalna wielkość pamięci 32 GB Każdy DIMM obsługuje jeden moduł non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 * Proszę sprawdzić listę obsługiwanych pamięć na stronie internetowej www.biostar.com.tw | | |
| Przechowywanie | AMD A85/A75/A55 FCH Obsługa RAID 0,1,10, 5 & AHCI (A85 FCH) Obsługa RAID 0,1,10 & AHCI (A75/A55 FCH) | | |
| LAN | Układ RTL 8111F 10/ 100/ 1000 Mb auto negocjacja, pojemność duplex Połowe / Pełny | | |
| Codec Audio | ALC662 Kanały Audio wysokiej Definicji 5.1, Biostar Hi-Fi | | |
| USB | Płyta AMD A85/A75 FCH: 6 x złącza USB 2.0 (2 przez tylne porty wejścia/ wyjścia oraz 4 przez wewnętrzne porty) 4 x złącza USB 3.0 (2 przez tylne porty wejścia/ wyjścia oraz 2 przez wewnętrzne porty) Płyta AMD A55 FCH: 8 x złącza USB 2.0 (4 przez tylne porty wejścia/ wyjścia oraz 4 przez wewnętrzne porty) | | |
| Złącza rozszerzeń | złącza 1x PCI (Slot) złącza 1x PCIe 2.0 x1 (Slot) złącza 1x PCIe 2.0 x16 (Slot) | | |
| Tylne porty wejścia/ wyjścia | Hi-Fi A85S3: Myszka 1x PS/2 Klawiatura 1x PS/2 Port 1x VGA Port 1x HDMI Port 1x LAN Porty 2x USB 2.0 Porty 2x USB 3.0 Porty audio 3x | Hi-Fi A75S3: Myszka 1x PS/2 Klawiatura 1x PS/2 Port 1x VGA Port 1x DVI Port 1x LAN Porty 2x USB 2.0 Porty 2x USB 3.0 Porty audio 3x | Hi-Fi A55S3: Myszka 1x PS/2 Klawiatura 1x PS/2 Port 1x VGA Port 1x DVI Port 1x LAN Porty 4x USB 2.0 Porty audio 3x |

| Specyfikacje techniczne | | | | |
|-----------------------------------|-----------------------------------|--|-----------------------------------|--|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | |
| Wewnętrzne porty wejścia/ wyjścia | Złącza 6x SATA 6.0Gb/s | Złącza 6x SATA 6.0Gb/s | Złącza 6x SATA3.0Gb/s | |
| | Złącza 2x USB 2.0 | Złącza 2x USB 2.0 | Złącza 2x USB 2.0 | |
| | Złącza 1x USB 3.0 | Złącza 1x USB 3.0 | Złącza 4 pionowe x 1 | |
| | Złącza 4 pionowe x 1 | Złącza 4 pionowe x 1 | Złącza 24 pionowe x 1 | |
| | Złącza 24 pionowe x 1 | Złącza 24 pionowe x 1 | Złącze wentylatora CPU x 1 | |
| | Złącze wentylatora CPU x 1 | Złącze wentylatora CPU x 1 | Złącze wentylatora obudowy x 1 | |
| | Złącze wentylatora obudowy x 1 | Złącze wentylatora obudowy x 1 | Złącze przedniego panelu x1 | |
| | Złącze przedniego panelu x1 | Złącze przedniego panelu x1 | Złącze audio przedniego panelu x1 | |
| | Złącze audio przedniego panelu x1 | Złącze audio przedniego panelu x1 | Złącze bezpośrednie CMOS x1 | |
| | Złącze bezpośrednie CMOS x1 | Złącze bezpośrednie CMOS x1 | Złącze port drukarki x1 | |
| | Złącze port drukarki x1 | Złącze port drukarki x1 | Port szeregowy x1 | |
| | Port szeregowy x1 | Port szeregowy x1 | | |
| | Obudowa | Obudowa microATX, 244 mm x 191 mm | | |
| | Obsługa OS | Windows XP / Vista / 7 / 8 Biostar zastrzega sobie prawo do dodania lub wycofania obsługi dla OS, z wypowiedzeniem lub bez wypowiedzenia. | | |

Portuguese

| Especificações | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|------------------|--------------|--------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
| Suporte Processador | Porta FM2 para processador AMD série-A Alimentação de Design Térmico (TDP – Thermal Design Power): 100Watt * Por favor consulte www.biostar.com.tw para obter uma lista de suporte do processador. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tipo Placa Mãe | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memória | Suporta DDR3 800/ 1066/ 1333/ 1600/ 1866 Canal Duplo 2 x DDR3 DIMM Slot de memória Suporta até 32 GB Memória Cada DIMM suporta non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 módulo * Por favor consulte www.biostar.com.tw para obter uma lista de suporte do memória. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Armazenamento | AMD A85/A75/A55 FCH Suporta RAID 0,1,10, 5 & AHCI (A85 FCH) Suporta RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | Realtek RTL 8111F 10/ 100/ 1000 Mb auto negociação, capacidade duplex Metade / Cheio | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Codec de Audio | ALC662 Canais de Áudio de Alta Definição 5.1, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | Plataforma AMD A85/A75 FCH: Porta 6x USB 2.0 (2 nas entradas/saídas traseiras e 4 pelos Dispositivos internos) Porta 4x USB 3.0 (2 nas entradas/saídas traseiras e 2 pelos Dispositivos internos) Plataforma AMD A55 FCH: Porta 8x USB 2.0 (4 nas entradas/saídas traseiras e 4 pelos Dispositivos internos) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slots de expansão | Porta 1x PCI Porta 1x PCIe 2.0 x1 Porta 1x PCIe 2.0 x16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Entradas/Saídas no painel traseiro | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>Mouse 1x PS/2</td> <td>Mouse 1x PS/2</td> <td>Mouse 1x PS/2</td> </tr> <tr> <td>Teclado 1x PS/2</td> <td>Teclado 1x PS/2</td> <td>Teclado 1x PS/2</td> </tr> <tr> <td>Porta 1x VGA</td> <td>Porta 1x VGA</td> <td>Porta 1x VGA</td> </tr> <tr> <td>Porta 1x HDMI</td> <td>Porta 1x DVI</td> <td>Porta 1x DVI</td> </tr> <tr> <td>Porta 1x LAN</td> <td>Porta 1x LAN</td> <td>Porta 1x LAN</td> </tr> <tr> <td>Porta 2x USB 2.0</td> <td>Porta 2x USB 2.0</td> <td>Porta 4x USB 2.0</td> </tr> <tr> <td>Porta 2x USB 3.0</td> <td>Porta 2x USB 3.0</td> <td>Soquete audio 3x</td> </tr> <tr> <td>Soquete audio 3x</td> <td>Soquete audio 3x</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | Mouse 1x PS/2 | Mouse 1x PS/2 | Mouse 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | Porta 1x VGA | Porta 1x VGA | Porta 1x VGA | Porta 1x HDMI | Porta 1x DVI | Porta 1x DVI | Porta 1x LAN | Porta 1x LAN | Porta 1x LAN | Porta 2x USB 2.0 | Porta 2x USB 2.0 | Porta 4x USB 2.0 | Porta 2x USB 3.0 | Porta 2x USB 3.0 | Soquete audio 3x | Soquete audio 3x | Soquete audio 3x | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mouse 1x PS/2 | Mouse 1x PS/2 | Mouse 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teclado 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porta 1x VGA | Porta 1x VGA | Porta 1x VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porta 1x HDMI | Porta 1x DVI | Porta 1x DVI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porta 1x LAN | Porta 1x LAN | Porta 1x LAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porta 2x USB 2.0 | Porta 2x USB 2.0 | Porta 4x USB 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Porta 2x USB 3.0 | Porta 2x USB 3.0 | Soquete audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soquete audio 3x | Soquete audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| Especificações | | | |
|-----------------------|--|--------------------------------------|--------------------------------------|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| Conectores na placa | Conector 6x SATA 6.0Gb/s | Conector 6x SATA 6.0Gb/s | Conector 6x SATA 3.0Gb/s |
| | Dispositivo 2x USB 2.0 | Dispositivo 2x USB 2.0 | Dispositivo 2x USB 2.0 |
| | Dispositivo 1x USB 3.0 | Dispositivo 1x USB 3.0 | Conector de 4 pinos x1 |
| | Conector de 4 pinos x1 | Conector de 4 pinos x1 | Conector de 24 pinos x1 |
| | Conector de 24 pinos x1 | Conector de 24 pinos x1 | Conector de Ventoinha processador x1 |
| | Conector de Ventoinha processador x1 | Conector de Ventoinha processador x1 | Conector de Ventoinha Sistema x1 |
| | Conector de Ventoinha Sistema x1 | Conector de Ventoinha Sistema x1 | Dispositivo Painel Frontal x1 |
| | Dispositivo Painel Frontal x1 | Dispositivo Painel Frontal x1 | Dispositivo de Audio Frontal x1 |
| | Dispositivo de Audio Frontal x1 | Dispositivo de Audio Frontal x1 | Dispositivo CMOS Direct x1 |
| | Dispositivo CMOS Direct x1 | Dispositivo CMOS Direct x1 | Dispositivo Porta Impressora x1 |
| | Dispositivo Porta Impressora x1 | Dispositivo Porta Impressora x1 | Dispositivo Porta Série x1 |
| | Dispositivo Porta Série x1 | Dispositivo Porta Série x1 | |
| Fator de Fôrma | Fator de Fôrma microATX, 244 mm x 191 mm | | |
| Suporte OS | Windows XP / Vista / 7 / 8 Biostar reserva seu direito de adicionar ou retirar o suporte para qualquer OS com ou sem notificação. | | |

Russian

| Спецификации | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|-------------------------|--------------|--------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|------------|------------|-------------|------------|------------|-----------------------|-----------------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------------------|-----------|
| Поддержка центрального процессора | Сокет FM2 для процессоров AMD серии A Максимальный термopakет центрального процессора (TDP): 100 ватт * Перечень поддержки центрального процессора смотрите на www.biostar.com.tw . | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Набор микросхем | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Память | Поддерживает двухканальный DDR3 800/ 1066/ 1333/ 1600/ 1866 2 гнезда платы памяти DDR3 DIMM, максимальная память до 32 Гб Каждый модуль DIMM поддерживает модуль не-ECC 512 Мб/ 1/ 2/ 4/ 8/ 16 Гб DDR3 * Перечень поддержки памяти смотрите на www.biostar.com.tw . | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Накопитель | AMD A85/A75/A55 FCH Поддерживает RAID 0,1,10, 5 & AHCI (A85 FCH) Поддерживает RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Локальная сеть | Realtek RTL 8111F Автосогласование 10/ 100/ 1000 Мб/с, работает в полно/полудуплексном режиме | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Аудиокодек | ALC662 Каналы 5.1, высококачественное аудио, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | AMD A85/A75 FCH: 6 портов USB 2.0 (2 сзади ввода-вывода и 4 через внутренние контакты) 4 портов USB 3.0 (2 сзади ввода-вывода и 2 через внутренние контакты) AMD A55 FCH: 8 портов USB 2.0 (4 сзади ввода-вывода и 4 через внутренние контакты) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Гнезда расшир. | 1x гнезда PCI 1x PCIe 2.0 x1 гнездо 1x PCIe 2.0 x16 гнездо | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Задняя плата ввода-вывода | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>1 мышь PS/2</td> <td>1 мышь PS/2</td> <td>1 мышь PS/2</td> </tr> <tr> <td>1 клавиатура PS/2</td> <td>1 клавиатура PS/2</td> <td>1 клавиатура PS/2</td> </tr> <tr> <td>1 порт VGA</td> <td>1 порт VGA</td> <td>1 порт VGA</td> </tr> <tr> <td>1 порт HDMI</td> <td>1 порт DVI</td> <td>1 порт DVI</td> </tr> <tr> <td>1 порт локальной сети</td> <td>1 порт локальной сети</td> <td>1 порт локальной сети</td> </tr> <tr> <td>2 порта USB 2.0</td> <td>2 порта USB 2.0</td> <td>4 порта USB 2.0</td> </tr> <tr> <td>2 порта USB 3.0</td> <td>2 порта USB 3.0</td> <td>3 гнезд для подключения</td> </tr> <tr> <td>3 гнезд для подключения наушников</td> <td>3 гнезд для подключения наушников</td> <td>наушников</td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | 1 мышь PS/2 | 1 мышь PS/2 | 1 мышь PS/2 | 1 клавиатура PS/2 | 1 клавиатура PS/2 | 1 клавиатура PS/2 | 1 порт VGA | 1 порт VGA | 1 порт VGA | 1 порт HDMI | 1 порт DVI | 1 порт DVI | 1 порт локальной сети | 1 порт локальной сети | 1 порт локальной сети | 2 порта USB 2.0 | 2 порта USB 2.0 | 4 порта USB 2.0 | 2 порта USB 3.0 | 2 порта USB 3.0 | 3 гнезд для подключения | 3 гнезд для подключения наушников | 3 гнезд для подключения наушников | наушников |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 мышь PS/2 | 1 мышь PS/2 | 1 мышь PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 клавиатура PS/2 | 1 клавиатура PS/2 | 1 клавиатура PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 порт VGA | 1 порт VGA | 1 порт VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 порт HDMI | 1 порт DVI | 1 порт DVI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 порт локальной сети | 1 порт локальной сети | 1 порт локальной сети | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 порта USB 2.0 | 2 порта USB 2.0 | 4 порта USB 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 порта USB 3.0 | 2 порта USB 3.0 | 3 гнезд для подключения | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 гнезд для подключения наушников | 3 гнезд для подключения наушников | наушников | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hi-Fi A85S3/Hi-Fi A75S3/Hi-Fi A55S3

| Спецификации | | | | |
|------------------------------|---|--|---|--|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | |
| Внутр. Плата ввода-вывода | Соединитель 6x SATA 6 Гб/с | Соединитель 6x SATA 6 Гб/с | Соединитель 6x SATA 3 Гб/с | |
| | 2 контакта USB 2.0 | 2 контакта USB 2.0 | 2 контакта USB 2.0 | |
| | 1 контакта USB 3.0 | 1 контакта USB 3.0 | 1 4-выводный разъем питания | |
| | 1 4-выводный разъем питания | 1 4-выводный разъем питания | 1 24-выводный разъем | |
| | 1 24-выводный разъем питания | 1 24-выводный разъем питания | питания | |
| | 1 разъем вентилятора ЦП | 1 разъем вентилятора ЦП | 1 разъем вентилятора ЦП | |
| | 1 разъема вентилятора системы | 1 разъема вентилятора системы | 1 разъема вентилятора системы | |
| | 1 контакт передней панели | 1 контакт передней панели | 1 контакт передней панели | |
| | 1 контакт передней аудиопанели | 1 контакт передней аудиопанели | 1 контакт передней аудиопанели | |
| | 1 контакт микросхемы Clear CMOS | 1 контакт микросхемы Clear CMOS | 1 контакт микросхемы Clear CMOS | |
| | 1 контакт порта принтера | 1 контакт порта принтера | 1 контакт порта принтера | |
| | 1 инфракрасный пользовательский контакт | 1 инфракрасный пользовательский контакт | 1 инфракрасный пользовательский контакт | |
| | 1 контакт последовательного порта | 1 контакт последовательного порта | 1 контакт последовательного порта | |
| | Конструктив | Форм-фактор microATX, 244 мм x 191 мм | | |
| | Поддержка ОС | Windows XP / Vista / 7 / 8 Biostar оставляет за собой право добавлять или удалять поддержку любой ОС, с уведомлением или без. | | |

Spanish

| Especificaciones | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---------------------|---------------------|---------------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|--|
| Compatibilidad con el procesador | Ranura FM2 para procesador AMD serie - A Alimentación de Proyección Térmica (TDP – Thermal Design Power): 100Watt *Por favor consultar con www.biostar.com.tw para la lista de compatibilidad con el procesador. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tipo de Placa | AMD A85 FCH (Hi-Fi A85S3) AMD A75 FCH (Hi-Fi A75S3) AMD A55 FCH (Hi-Fi A55S3) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memoria | Soporta DDR3 800/ 1066/ 1333/ 1600/ 1866 Doble Canal 2x DDR3 DIMM Ranura de memoria Soporta hasta 32 GB Memoria Cada DIMM soporta un modulo non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR3 *Por favor consultar con www.biostar.com.tw para la lista de compatibilidad con el memoria. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Almacenamiento de información | AMD A85/A75/A55 FCH Soporta RAID 0,1,10, 5 & AHCI (A85 FCH) Soporta RAID 0,1,10 & AHCI (A75/A55 FCH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | Realtek RTL 8111F 10/ 100/ 1000 Mb/s auto negociación, capacidad dúplex Mitad/Completo | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Códec Audio | ALC662 Canales Audio de Alta Definición 5.1, Biostar Hi-Fi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB | Plataforma AMD A85/A75 FCH: Ranura 6x USB 2.0 (2 en las entradas/salidas posteriores y 4 por los distribuidores internos) Ranura 4x USB 3.0 (2 en las entradas/salidas posteriores y 2 por los distribuidores internos) Plataforma AMD A55 FCH: Ranura 8x USB 2.0 (4 en las entradas/salidas posteriores y 4 por los distribuidores internos) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranuras de Extinción | Ranura 1x PCI Ranura 1x PCIe 2.0 x1 Ranura 1x PCIe 2.0 x16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Panel trasero de E/S | <table border="0"> <thead> <tr> <th>Hi-Fi A85S3:</th> <th>Hi-Fi A75S3:</th> <th>Hi-Fi A55S3:</th> </tr> </thead> <tbody> <tr> <td>Ratón 1x PS/2</td> <td>Ratón 1x PS/2</td> <td>Ratón 1x PS/2</td> </tr> <tr> <td>Teclado 1x PS/2</td> <td>Teclado 1x PS/2</td> <td>Teclado 1x PS/2</td> </tr> <tr> <td>Ranura 1x VGA</td> <td>Ranura 1x VGA</td> <td>Ranura 1x VGA</td> </tr> <tr> <td>Ranura 1x HDMI</td> <td>Ranura 1x DVI</td> <td>Ranura 1x DVI</td> </tr> <tr> <td>Ranura 1x LAN</td> <td>Ranura 1x LAN</td> <td>Ranura 1x LAN</td> </tr> <tr> <td>Ranura 2x USB 2.0</td> <td>Ranura 2x USB 2.0</td> <td>Ranura 4x USB 2.0</td> </tr> <tr> <td>Ranura 2x USB 3.0</td> <td>Ranura 2x USB 3.0</td> <td>Socket audio 3x</td> </tr> <tr> <td>Socket audio 3x</td> <td>Socket audio 3x</td> <td></td> </tr> </tbody> </table> | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | Ratón 1x PS/2 | Ratón 1x PS/2 | Ratón 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | Ranura 1x VGA | Ranura 1x VGA | Ranura 1x VGA | Ranura 1x HDMI | Ranura 1x DVI | Ranura 1x DVI | Ranura 1x LAN | Ranura 1x LAN | Ranura 1x LAN | Ranura 2x USB 2.0 | Ranura 2x USB 2.0 | Ranura 4x USB 2.0 | Ranura 2x USB 3.0 | Ranura 2x USB 3.0 | Socket audio 3x | Socket audio 3x | Socket audio 3x | |
| Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ratón 1x PS/2 | Ratón 1x PS/2 | Ratón 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teclado 1x PS/2 | Teclado 1x PS/2 | Teclado 1x PS/2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranura 1x VGA | Ranura 1x VGA | Ranura 1x VGA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranura 1x HDMI | Ranura 1x DVI | Ranura 1x DVI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranura 1x LAN | Ranura 1x LAN | Ranura 1x LAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranura 2x USB 2.0 | Ranura 2x USB 2.0 | Ranura 4x USB 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ranura 2x USB 3.0 | Ranura 2x USB 3.0 | Socket audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Socket audio 3x | Socket audio 3x | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Especificaciones | | | |
|---------------------|--|---|-----------------------------------|
| | Hi-Fi A85S3: | Hi-Fi A75S3: | Hi-Fi A55S3: |
| Conectores en placa | Conector 6x SATA 6Gb's | Conector 6x SATA 6Gb's | Conector 6x SATA 3Gb's |
| | Distribuidor 2x USB 2.0 | Distribuidor 2x USB 2.0 | Distribuidor 2x USB 2.0 |
| | Distribuidor 1x USB 3.0 | Distribuidor 1x USB 3.0 | Conector con 4 patillas x1 |
| | Conector con 4 patillas x1 | Conector con 4 patillas x1 | Conector con 24 patillas x1 |
| | Conector con 24 patillas x1 | Conector con 24 patillas x1 | Conector Ventilador procesador x1 |
| | Conector Ventilador procesador x1 | Conector Ventilador procesador x1 | Conector Ventilador Sistema x2 |
| | Conector Ventilador Sistema x2 | Conector Ventilador Sistema x2 | Distribuidor Panel Frontal x1 |
| | Distribuidor Panel Frontal x1 | Distribuidor Panel Frontal x1 | Distribuidor Audio Frontal x1 |
| | Distribuidor Audio Frontal x1 | Distribuidor Audio Frontal x1 | Distribuidor CMOS Directo x1 |
| | Distribuidor CMOS Directo x1 | Distribuidor CMOS Directo x1 | Distribuidor Ranura Impresora x1 |
| | Distribuidor Ranura Impresora x1 | Distribuidor Ranura Impresora x1 | Distribuidor Ranura Serie x1 |
| | Distribuidor Ranura Serie x1 | Distribuidor Ranura Serie x1 | |
| | Factor de Forma | Factor de Forma microATX, 244 mm x 191 mm | |
| Soporte OS | Windows XP / Vista / 7 / 8 Biostar reserva su derecho de añadir o retirar el soporte para cada OS con o sin notificación. | | |

2012/12/12