

**abit Engineered™**

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MOTHERBOARD Socket AM2

Browse by processor -- Select One --

**AN68SD**



- Socket AM2/AM2+
- NVIDIA NF520D
- 2000MT/s HT
- Dual Channel DDR2 800
- PCI-E X16
- SATA 3Gb RAID
- Gigabit LAN
- 7.1CH HDAudio
- RoHS Compliancy
- EZ CMOS Switch
- SilentOTES™



**Specifications**

**On-board 7.1 CH HD Audio** - More Flexibility, more ease-of-use and more fun!



Scalable High Definition on-board audio offers the flexibility to use regular stereo PC speakers or any modern surround sound system with up to 7.1 channels. Auto Jack sensing and re-tasking makes it an easy job to set up your audio configuration.

**Additional Expansion** - Extend your possibilities and upgrade system performance.



2x PCI-E X1, 3x PCI slots leave enough room to tune up your system with different add-on cards.

**EZ CMOS Switch** - Safe and Quick!



Clear the CMOS memory directly from the back panel, using abit's innovative new EZ switch. It is easy and convenient to go back to safe grounds if you are pushing your hardware to the extreme and experiment with risky settings.

**abit Silent OTES heatpipe cooling** - Keep it cool & quiet!



abit's Silent OTES™ heatpipe technology dissipates heat from the chipset and conducts it to a highly effective heatsink. This fanless solution keeps your motherboard cool and quiet.

- CPU**
  - Supports Socket AM2/AM2+(BIOS support) 940 Processor with 2000MT/s system bus using Hyper Transport Technology
  - AMD Cool 'n' Quiet Technology
- Chipset**
  - NVIDIA NF520D single chip
- Memory**
  - 4 X 240-pin DIMM sockets support max. memory capacity 8GB
  - Supports Dual channel DDR2 800/667/533 Un-buffered Non-ECC memory
- Graphics**
  - Use PCI-E X16 expansion slot
- LAN**
  - Gigabit Ethernet
- Audio**
  - On board 7.1 CH HDAudio CODEC
  - Auto Jack Sensing, Jack Re-tasking functions
- Expansion Slots**
  - 1 x PCI-E X16, 2 x PCI-E X1, 3 x PCI
- Internal I/O**
  - 1 x Floppy Port supports up to 2.88MB
  - 1 x Ultra DMA 133/100/66/33 IDE Connector
  - 3 x USB 2.0 headers (support 6 ports)
  - 4 x SATA 3Gb/s connectors
- Back Panel I/O**
  - 1 x PS/2 Keyboard, 1 x PS/2 Mouse
  - 1 x EZ CMOS Switch
  - 7.1 CH Audio connector (Line-in, Line-out, MC-in, Center/

**Product Information**

- [Specifications](#)
- [News](#)

**Support Information**

- [BIOS](#)
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- [Utility](#)



**Optional Wi-Fi Accessories**



Subwoofer, Surround, Rear Surround)  
● 4 x USB 2.0, 1 x RJ-45 LAN Connector

.. **Serial ATA**

- 4 x SATA (RAID) 3 Gb/s
- Supports SATA RAID 0/1/0+1 and JBOD

.. **Form Factor**

- ATX form factor 305 x 245mm
- PCB Color: Orange

.. **RoHS**

- 100% lead-free process and RoHS compliant

**abit Engineered**



>> **abit SoftMenu™**

The original jumperless motherboard design allows for CPU setting changes completely through the BIOS. Convenient and easy-to-use fine tuning from within a self-explanatory BIOS menu.



>> **abit Silent OTES™**

The abit patented heat pipe absorbs and conducts thermal energy from the North bridge to the PWM area where the airflow blows heat out of the case through the back panel.



>> **abit EQ™**

Keep control over your hardware. **abit EQ™** is an easy-to-use monitor system that helps you keep an eye on voltages, temperature items and fans anytime!



>> **abit FlashMenu™**

Click, click, and click! The **abit FlashMenu™** makes BIOS updates so easy, so quick, and so safe.

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