

## A68N-5600E Motherboard



- AMD PRO A4-3350B Processor
- Supports 2 DIMM of DDR3 1600 & DDR3L 1333
- Supports AMD Radeon™ R4 Graphics
- Support HDMI display port
- Supports USB 3.1 Gen1 Port
- Supports TPM Header

## A68N-5600E Specification

CPU

AMD PRO A4-3350B Processor  
(Quad Core 2.0GHz up to 2.4GHz, 15W)

MEMORY

Max. Supports up to 16GB Memory  
Each DIMM supports non-ECC 512MB/ 1/ 2/ 4/ 8 GB  
DDR3 & DDR3L module

| # of DIMMs per channel | # of Ranks per DIMM | 1.50V     | 1.35V     |
|------------------------|---------------------|-----------|-----------|
| 1 of 1                 | xR                  | DDR3-1600 | DDR3-1333 |
| 1 of 2                 | xR-0                | DDR3-1333 | DDR3-1333 |
| 2 of 2                 | 1R-1R               | DDR3-1333 | DDR3-1333 |
| 2 of 2                 | 2R-xR               | DDR3-1333 | DDR3-1333 |

X=1or 2

INTEGRATED VIDEO

AMD Radeon™ R4 Graphics  
Supports HDCP

STORAGE

2 x SATA III Connectors (6Gb/s) : Supports AHCI

LAN

Realtek RTL8111H - 10/100/1000Mb/s Controller

|                |   |
|----------------|---|
| AUDIO CODEC    | Realtek ALC887 5.1-Channel Audio<br>Support HD Audio<br>Support SPDIF_out   |
| USB            | 2 x USB 3.1 Gen1 Port (2 on rear I/Os)<br>6 x USB 2.0 Port (2 on rear I/Os and 4 via internal header)   |
| EXPANSION SLOT | 1 x PCI-E 2.0 x16 Slot (x4)   |
| REAR I/O       | 1 x PS/2 Mouse<br>1 x PS/2 Keyboard<br>2 x USB 3.1 Gen1 Ports<br>2 x USB 2.0 Port<br>1 x HDMI Connector<br>1 x VGA Port<br>1 x LAN Port<br>3 x Audio Jacks  |
| INTERNAL I/O   | Supports Single Channel DDR3<br>2 x USB 2.0 Header (each header support 2 USB 2.0 ports)<br>2 x SATA III Connector (6Gb/s)<br>1 x Front Audio Header<br>1 x Front Panel Header<br>1 x S/SPDIF-Out Header<br>1 x CPU Fan Connector<br>1 x System Fan Connector<br>1 x TPM Header<br>1 x 4-Pin Power Connector<br>1 x 24-Pin Power Connector<br>1 x Clear CMOS Header<br>1 x COM Port Header<br>1 x Printer Port Header |
| DIMENSION      | Mini ITX Form Factor Dimension: 17 cm x 17 cm ( W x L )   |
| OS SUPPORT     | Supports Windows 7 / 10<br>*Biostar reserves the right to add or remove support for any OS with or without notice.  |
| ACCESSORIES    | DDR3 & DDR3L DIMM Memory Slot<br>2 x SATA Cable<br>1 x I/O Shield<br>1 x Fully Setup Driver CD<br>1 x Quick Guide   |

## A68N-5600E OVERVIEW

**Audio+**



## HD Audio

Provides high quality sound with minimal loss of audio fidelity.



## S/P DIF Output on board

Onboard Optical & Coaxial connector supports your desktop in transferring the non-distortion digital audio output to the AV amplifier and professional speaker system.

## Video+



## DX11.1

Direct3D 11.1 enables Direct3D 10 APIs and Direct3D 11 APIs to use one underlying rendering device. And it allows developers to achieve a high speed, fully conformant software rasterizer.

## Speed+



## USB 3.1 Gen 1 Type-A

Experience Fastest data transfers at 5 Gbps with USB 3.1 Gen 1--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.1 Gen 1 transfers data 10X faster and backward compatible with previous USB 2.0 components.



## SATAIII 6Gbps

SATAIII 6Gbps provides a higher bandwidth to retrieve and transfer HD media. With this super speed data transfer, SATAIII allows an incredible data boost which is 2x faster than the SATA II.

## Durable+



## 100% Solid Caps

With armor-plated Biostar Technology, all capacitors are placed with 100% solid capacitors that have a lasting life cycle, durability and stability for crucial components.

DIY+



## BIO-Flasher

BIO-Flasher is a convenient BIOS update tool. Just launch this tool and put the BIOS on USB pen driver before entering the OS. You can update your BIOS with only a few clicks without preparing an additional floppy disk or other complicated flash utility.



## eHot-Line Utilitiy

Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.

**\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!**