

## 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




### 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 Support HD Audio Support SPDIF_out			
USB	2 x USB 3.1 Gen1 Port (2 on rear I/Os) 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 1 x PS/2 Keyboard 2 x USB 3.1 Gen1 Ports 2 x USB 2.0 Port 1 x HDMI Connector 1 x VGA Port 1 x LAN Port 3 x Audio Jacks			

INTERNAL I/O	<ul style="list-style-type: none"> <li>Supports Single Channel DDR3</li> <li>2 x USB 2.0 Header (each header support 2 USB 2.0 ports)</li> <li>2 x SATA III Connector (6Gb/s)</li> <li>1 x Front Audio Header</li> <li>1 x Front Panel Header</li> <li>1 x S/PDIF-Out Header</li> <li>1 x CPU Fan Connector</li> <li>1 x System Fan Connector</li> <li>1 x TPM Header</li> <li>1 x 4-Pin Power Connector</li> <li>1 x 24-Pin Power Connector</li> <li>1 x Clear CMOS Header</li> <li>1 x COM Port Header</li> <li>1 x Printer Port Header</li> </ul>
DIMENSION	Mini ITX Form Factor Dimension: 17 cm x 17 cm ( W x L )
OS SUPPORT	<ul style="list-style-type: none"> <li>Supports Windows 7 / 10</li> <li>*Biostar reserves the right to add or remove support for any OS with or without notice.</li> </ul>
ACCESSORIES	<ul style="list-style-type: none"> <li>DDR3 &amp; DDR3L DIMM Memory Slot</li> <li>2 x SATA Cable</li> <li>1 x I/O Shield</li> <li>1 x Fully Setup Driver CD</li> <li>1 x Quick Guide</li> </ul>

## OVERVIEW

	<p><b>HD Audio</b></p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p><b>S/P DIF Output on board</b></p> <p>Onboard Optical &amp; Coaxial connector supports your desktop in transferring the non-distortion digital audio output to the AV amplifier and professional speaker system.</p>
	<p><b>DX11.1</b></p> <p>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.</p>
	<p><b>USB 3.1 Gen 1 Type-A</b></p> <p>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.</p>
	<p><b>SATAIII 6Gbps</b></p> <p>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.</p>

	<h3>100% Solid Caps</h3> <p>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.</p>
	<h3>BIO-Flasher</h3> <p>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.</p>
	<h3>eHot-Line Utility</h3> <p>Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.</p>

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



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