

A68N-2100E Motherboard



- AMD E1-2150 Processor
- Supports 2 DIMM of DDR3 & DDR3L 800/1066/1333
- Supports HDMI® Connector
- Supports USB 3.1 Gen1 Port
- Supports TPM Header

Specification

CPU	AMD E1-2150 Processor (Dual core 1.05GHz, 9W)
MEMORY	Max. Supports up to 16GB Memory Each DIMM supports non-ECC 512MB/ 1/ 2/ 4/ 8 GB DDR3 & DDR3L module
INTEGRATED VIDEO	AMD Radeon™ HD8210 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® Port 1 x VGA Port 1 x LAN Port 3 x Audio Jacks








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

OVERVIEW

	<p>HD Audio</p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p>S/P DIF Output on board</p> <p>Onboard Optical & Coaxial connector supports your desktop in transferring the non-distortion digital audio output to the AV amplifier and professional speaker system.</p>
	<p>HDMI® 2.0</p> <p>HDMI® 2.0 supports true 4K resolution- 4096*2160@60hz. A significant increase in bandwidth is up to 18mbps, and significant enhancements are added to support the continued increase consumer demands on video and audio experience.</p>
	<p>DX11.1</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>USB 3.1 Gen 1 Type-A</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>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.</p>
	<p>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.</p>
	<p>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.</p>
	<p>eHot-Line Utility Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.</p>
	<p>HDMI® The terms HDMI® and HDMI® High-Definition Multimedia Interface, and the HDMI® Logo are trademarks or registered trademarks of HDMI® Licensing Administrator, Inc. in the United States and other countries.</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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