

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



INTERNAL I/O	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	Supports Windows 7 / 10 *Biostar reserves the right to add or remove support for any OS with or without notice.
ACCESSORIES	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

	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.
	HDMI® 2.0 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.
	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.
	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.
	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.
	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.
	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.

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

