A68N-2100K 6.1

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- AMD E1-6010 Processor
- Supports 2 DIMM of DDR3 & DDR3L 800/ 1066/ 1333 (1.25V) up to 16GB maximum capacity
- Supports HDMI Connector
- Supports USB 3.2 Gen1 Port
- Supports TPM Header
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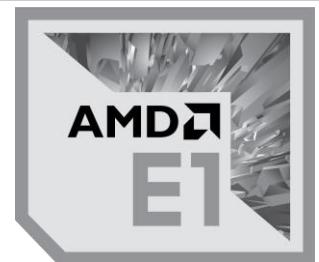| Chipset	• AMD Beema
CPU	• AMD E1-6010 Processor • (Dual core 1.35GHz)
MEMORY	• Supports Single Channel DDR3 & DDR3L 800/1066/1333 (1.25V) • 2 x DDR3 & DDR3L DIMM Memory Slots • • Max. Supports up to 16GB Memory • Each DIMM supports non-ECC 512MB/ 1/ 2/ 4/ 8 GB DDR3 & DDR3L module • ※Please refer to www.biostar.com.tw for Memory support list
INTEGRATED VIDEO	• AMD Radeon™ R2 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 7.1-Channel Audio • Support HD Audio • Support SPDIF_out

USB	• 2 x USB 3.2 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 3.2 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	• 2 x USB 2.0 Header (each header support 2 USB 2.0 ports)
	• 2 x SATA III Connectors (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
H/W MONITORING	• CPU / System Temperature Monitoring
	• CPU / System Fan Monitoring
	• Smart / Manual CPU Fan Control
DIMENSION	• Mini ITX Form Factor Dimension: 17 cm x 17 cm (W x L)

OS SUPPORT	• Supports Windows 7 /8.1 /10 • ※Biostar reserves the right to add or remove support for any OS with or without notice.
BUNDLE SOFTWARE	• BullGuard • Smart Speed LAN
ACCESSORIES	• 2 x SATA Cable • 1 x I/O Shield • 1 x DVD Driver • 1 x Quick Guide
FEATURES	• Supports 100% Solid capacitor • Supports BIOS-Flasher

CPU-Chipset Features

AMD E1-6010

AMD E1-6010 APU with Radeon R2 Graphics

Audio+

HD Audio

Provides high quality sound with minimal loss of audio fidelity.

www.BIOSTAR.COM.TW

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+

HDMI 4K2K

The new 4K2K resolution enables high-definition image display with four times the resolution of full HD, 4K2K display is faithfully express bright, highly detailed content that fills the entire screen with lifelike images. Connectivity with PCs via a single HDMI cable for displaying 4K2K data.

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+

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 3G.

USB 3.2 Gen1 Type-A

USB 3.2 Gen1 delivers a compelling performance boosts and can be used to connect multiple devices without worrying about compatibility. It is capable of data transfer speeds up to 5Gbps and backwards compatible with all existing USB products.

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+

UEFI BIOS

Unified Extensible Firmware Interface (UEFI) is a brand new framework that provides a revolutionary interface. It is a modern clear and easy-to-use graphical user interface. The UEFI comes with a colorful easy-understand icons leads users into the setup layer directly.

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.