

A10N-8800E Motherboard



- AMD FX-8800P Processor
- Supports 2 DIMM of DDR4 2133MHz(OC) up to 32G maximum capacity
- Supports AMD Radeon™ R7 Graphics
- Supports M.2 Key M 16Gb/s Connector
- Supports USB 3.1 Gen1 Port

Specification





CPU SUPPORT	AMD FX-8800P Processor (Quad core 2.1GHz up to 3.4GHz)
MEMORY	Support Dual Channel DDR4 2133(OC) MHz 2 x DDR4 DIMM Memory Slot Each DIMM supports non-ECC 512MB/ 1/ 2/ 4/ 8/ 16 GB DDR4 module *Please refer to www.biostar.com.tw for Memory support list.
INTEGRATED VIDEO	AMD Radeon™ R7 Graphics Supports HDCP
STORAGE	2 x SATA III Connectors (6Gb/s) 1 x M.2 (M Key) 16Gb/s Connector: Supports PCI-E (16Gb/s)& SATA III (6Gb/s) SSD
LAN	Realtek RTL8111H - 10/100/1000Mb/s Controller Support Super LAN Surge Protection
AUDIO CODEC	Realtek ALC887 8-Channel HD Audio Support HD Audio
USB	4 x USB 3.1 Gen1 Port(2 on rear I/Os and 2 via internal headers) 4 x USB 2.0 Port(2 on rear I/Os and 2 via internal headers)
EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 2 x USB 3.1 Gen1 Port 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"> 1 x USB 3.1 Gen1 Header (each header supports 2 USB 3.1(Gen1) ports) 1 x USB 2.0 Header (each header supports 2 USB 2.0 ports) 2 x SATA III Connector (6Gb/s) 1 x Front Audio Header 1 x Front Panel Header 1 x CPU Fan Connector 1 x System Fan Connector 1 x 4-Pin Power Connector 1 x 24-Pin Power Connector 1 x Clear CMOS Header 1 x COM Port Header
H/W MONITORING	<ul style="list-style-type: none"> CPU / System1 Temperature Monitoring CPU / System Fan Monitoring System Fan Monitoring Smart / Manual CPU(DC FAN) Fan Control CPU/DDR Voltage Monitoring
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 x86/x64, Windows 8.1 x64, Windows 10 x64 ※Biostar reserves the right to add or remove support for any OS with or without notice.
BUNDLE SOFTWARE	<ul style="list-style-type: none"> BullGuard Smart Speed LAN
ACCESSORIES	<ul style="list-style-type: none"> 2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide
FEATURES	BIO-FLASHER

OVERVIEW

	<p>AMD A70M chipset</p> <p>AMD® A70M chipset is designed to support up to 5GT/s interface speed and PCI Express™ 3.0/2.0 graphics. It natively supports SATA 6Gb/s ports and USB 3.0 Ports.</p>
	<p>AMD Fusion APU A10-4655 Quad-Core Processor</p> <p>This motherboard supports integrated AMD Quad-Core Processor A10-4655 with AMD Radeon™ HD 7620G Graphics. This revolutionary APU (Accelerated Processing Unit) combines processing power and advanced DirectX 11 graphics in one small, energy-efficient design to enable accelerated performance and an industry-leading visual experience.</p>
	<p>HD Audio</p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p>HDMI® 4K2K</p> <p>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.</p>

	<p>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.</p>
	<p>Integrated HDMI® with HDCP Onboard HDMI® connector allows full video & audio support. It has industry-leading high definition video quality.</p>
	<p>USB 3.0 Experience Fastest data transfers at 5 Gbps with USB 3.0--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.0 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>Moistureproof of PCB The popularity of PC usage and working environment is getting deteriorating and moist (rural, coastal, etc.). The PCB will be oxidizing easily by damp or absorbed moisture, and ionic migration or CAF (Conductive Anodic Filament) will be generated. Moisture-proof PCB meets high density and high reliability requirements for moisture proof.</p>
	<p>Low RdsOn P-Pak MOS Low resistance design can significantly reduce the current out of energy loss. Low temperature, small size, excellent thermal conductivity.</p>
	<p>Super Anti-Surge Protection BIOSTAR exclusive Anti-Surge design provides the best protection of board and extends the product life. Having the latest model of "Transient Voltage Suppressor" on-board can effectively protect the board circuit, reducing the shocks caused by ESD as well as other damages arising from overvoltage transients to enhance system durability.</p>
	<p>Super LAN Surge Protection Super LAN Surge Protection, providing LAN port with more advanced antistatic protection capabilities by adding an integrated chip to strengthen electrical stability and prevent damage from lightning strikes and electrical surges. SLSP (Super LAN Surge Protection) series motherboard upgrades the existing system protection standards with maximum 4X protection comparing to other board makers.</p>
	<p>ESD Protection ESD (Electrostatic Discharge) is the major factor to destroy the PC by electrical overstress (EOS) condition. ESD occurred by PC users when touch any devices connect to a PC, which may result in damage to the motherboard or parts. ESD protection is designed to protect the motherboard and equipment from damage by EOS.</p>
	<p>USB Polyswitch On board dedicated power fuse to help prevent USB port failure. It prevents USB Port overcurrent and safe guard your system and device lifespan.</p> <p><input type="checkbox"/></p>

	<p>OC / OV / OH Protection OC / OV / OH Protection design detects overvoltage conditions and prevents voltage surges from spreading in real time. It also actively cuts off the overvoltage supply to protect your system.</p>
	<p>Header Zone Users can easily assemble their own computer, a simple-swap data discs and other accessories.</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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