

A68MLP Motherboard



- Supported Socket FM2+/FM2 processors AMD A-series/ E2-series processor
- Supported AMD Mutil Core(x4,x2)
- AMD A68H Chipset
- 2 DIMM supported DDR3-2600(OC)/ 2400(OC)/ 2133/ 1866/ 1600/ 1333/ 1066/ 800
- Supported USB 3.0
- AMD Dual Graphics Technology

A68MLP Specifcation

CPU SUPPORT	AMD A10 Processor AMD A8 Processor AMD A6 Processor AMD A4 Processor AMD E2 Processor AMD Athlon™ II X4 Processor Maximum CPU TDP (Thermal Design Power) : 100Watt
MEMORY	Support Dual Channel DDR3 2600(OC)/2400(OC)/2133/1866/1600/1333/1066/800 MHz 2 x DDR3 DIMM Memory Slot Max. Supports up to 32GB Memory
INTEGRATED VIDEO	By CPU model AMD Dual Graphics Technology Supports DX11.1 Supports HDCP
STORAGE	4 x SATA III Connector Support SATA RAID: 0,1,10
LAN	Realtek RTL8106E - 10/100 Controller
AUDIO CODEC	Realtek ALC662 6-Channel HD Audio
USB	2 x USB 3.0 Port 2 x USB 2.0 Port 2 x USB 2.0 Header

EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot(supported by FM2+ CPU) 1 x PCI-E 2.0 x1 Slot 1 x PCI Slot
REAR I/O	1 x PS/2 Mouse 1 x PS/2 Keyboard 2 x USB 3.0 Port 2 x USB 2.0 Port 1 x VGA Port 1 x LAN Port 3 x Audio Jacks
INTERNAL I/O	2 x USB 2.0 Header 4 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 COM Port Header
H/W MONITORING	CPU / System Temperature Monitoring CPU / System Fan Monitoring Smart / Manual CPU Fan Control System Voltage Monitoring
DIMENSION	Micro ATX Form Factor Dimension: 22.6cm x 17.4cm (W x L)
OS SUPPORT	Supports Windows XP / 7 / 8 / 8.1 / 10(x64)
BUNDLE SOFTWARE	BullGuard BIO-Remote2 Smart Speed LAN
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide
FEATURES	Supports Solid capacitor BIO-FLASHER Supports Charger Booster Supports BIOS Online Update
A68MLP OVERVIEW	
CPU-Chipset	



AMD A68H chipset

AMD® A68H 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.

Audio+



HD Audio

Provides high quality sound with minimal loss of audio fidelity.

Video+



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+



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.

Durable+



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.



Low RdsOn P-Pak MOS

Low resistance design can significantly reduce the current out of energy loss. Low temperature, small size, excellent thermal conductivity.

Protection+



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.



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.



BIOS Virus Protection

When enabled, the BIOS will protect the boot sector and partition table by halting the system and flashing a warning message whether there's an attempt to write to these areas.



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.

DIY+



BIO-Remote 2

BIO-Remote2 Technology is featuring users a better Home Theater environment. Users who own either Android mobile or Apple goods are able to access and control your PC remotely; At this moment, you're smart device became a intelligent and functional remote controller; more than that, BIO-Remote2 also includes both function of mouse pad and power point presentation mode.



BIOScreen Utility

Personalize your desktop with customizable boot logo. BIOScreen is the new feature that lets you personalize and create your own style with unique, custom-made boot logo.

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