

## H61MHV Motherboard



- Socket LGA 1155
- Supported the Intel 3rd and 2nd generation Core i7/ i5/ i3 processors in the 1155 package
- Supported 2 DIMM of DDR3 1600/1333/1066MHz
- Supports BIO-Remote 2 Technology

## H61MHV Specification

CPU SUPPORT	Intel® Core™ i7 LGA 1155 Processor Intel® Core™ i5 LGA 1155 Processor Intel® Core™ i3 LGA 1155 Processor Intel® Pentium® LGA 1155 Processor Intel® Celeron® LGA 1155 Processor Maximum CPU TDP (Thermal Design Power) : 95Watt
MEMORY	Support Dual Channel DDR3 1600/1333/1066 MHz 2 x DDR3 DIMM Memory Slot Max. Supports up to 16GB Memory
INTEGRATED VIDEO	By CPU model Supports HDCP
STORAGE	4 x SATA II Connector
LAN	Realtek RTL8111F - 10/100/1000 Controller
AUDIO CODEC	Realtek ALC662 6-Channel HD Audio
USB	4 x USB 2.0 Port 2 x USB 2.0 Header
EXPANSION SLOT	1 x PCI-E 3.0 x16 Slot(supported by Core i5 -3xxx / Core i7 3xxx CPU) 1 x PCI-E 2.0 x1 Slot

REAR I/O	<ul style="list-style-type: none"> <li>1 x PS/2 Mouse</li> <li>1 x PS/2 Keyboard</li> <li>4 x USB 2.0 Port</li> <li>1 x HDMI Connector</li> <li>1 x VGA Port</li> <li>1 x LAN Port</li> <li>3 x Audio Jacks</li> </ul>
INTERNAL I/O	<ul style="list-style-type: none"> <li>2 x USB 2.0 Header</li> <li>4 x SATA II Connector (3Gb/s )</li> <li>1 x Front Audio Header</li> <li>1 x Front Panel Header</li> <li>1 x CPU Fan Connector</li> <li>1 x System Fan Connector</li> <li>1 x COM Port Header</li> </ul>
H/W MONITORING	<ul style="list-style-type: none"> <li>CPU / System Temperature Monitoring</li> <li>CPU / System Fan Monitoring</li> <li>Smart / Manual CPU Fan Control</li> <li>System Voltage Monitoring</li> </ul>
DIMENSION	Micro ATX Form Factor Dimension: 22.6cm x 17cm ( W x L )
OS SUPPORT	Supports Windows XP / Vista / 7 / 8
BUNDLE SOFTWARE	BIO-Remote2
ACCESSORIES	<ul style="list-style-type: none"> <li>2 x SATA Cable</li> <li>1 x I/O Shield</li> <li>1 x DVD Driver</li> <li>1 x Quick Guide</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>Windows 8 Ready</li> <li>Supports Solid capacitor</li> <li>BIOS-Flasher</li> <li>Supports Charger Booster</li> </ul>

## H61MHV OVERVIEW

**CPU-Chipset**



## Intel LGA 1155 3rd Generation Intel Core™ Processor support

Intel 3rd generation processor "Ivy Bridge" is the codename for Intel's 22nm of the Sandy Bridge microarchitecture. The first to use tri-gate("3D") transistors, it is also backwards-compatible with the Sandy Bridge platform requiring a BIOS/firmware update.



## Intel LGA 1155 2<sup>nd</sup> Generation Intel Core™ Processors support

2<sup>nd</sup> Generation Intel® Core™ Processors with New 32nm Intel® micro architecture / Impressive leap in energy-efficient performance / Optimized Intel Turbo Boost Technology and Intel Hyper-Threading Technology / Significant advances in visual and 3D graphics capabilities / New Intel RAVX instructions for enhanced floating point intensive application performance.

### Video+



## HDMI 3D Visual

The HDMI 3D Visual provides a level of interoperability for devices designed to deliver 3D content over the HDMI connection. The latest HDMI Specification adds key enhancements to support the market requirements for bringing broadcast 3D content into the home featuring key enhancements for 3D applications including the addition of mandatory 3D formats for broadcast content.

### Speed+



## Charger Booster

Charger booster is the best and efficient charger solution for apple devices such as iPad, iPhone. Basically, Charger booster Technology is able to boost the charging time to be more efficiency and faster once any apple goods connecting to our Motherboard. With charger booster technology, you are able to charge your apple devices up to 42 % faster.



## PCIe Gen 3.0

PCIe 3.0 is the next evolution of the ubiquitous and general-purpose PCI Express I/O standard. At 8GT/s bit rate, the interconnect performance bandwidth is doubled over PCIe 2.0, while preserving compatibility with software and mechanical interfaces.



## Dual Channel DDR3

It supports 2 or 4 DIMM Slots DDR3 memory that features data transfer rates of DDR3 2000(O.C.)/1800(O.C.)/1600/1333. The processor support 2 memory channels and setting the memory multiplier, allows selection of the channel speed. These clearly uplift the band width and boost the overall system performance.

## Durable+



## X.D.C (eXtreme Durable Capacitors)

Biostar adopts low ESR and high ripple conductive solid state caps that provide sufficient, stable power supply to the CPU. The life span can also be more than 6.25 x of ordinary liquid caps.

## Protection+



## BullGuard Internet Security (90 days FREE trial)

BullGuard Internet Security comes with the broadest line-up of internet security features on the market, including: a cutting-edge dual Antivirus engine, Online Backup for your precious files, PC Tune Up to speed up your system, a Game Mode for a seamless gaming experience, Parental Control, Firewall, Safe Browsing and many more. Make the most of your digital life with BullGuard!

DIY+



## BIO-Remote 2

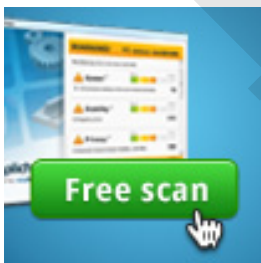
BIO-Remote2 Technology is featuring users a better Home Theater environment. Users who own either Android mobile or Apple goods are able to access and control your PC remotely; At this moment, you're smart device became a intelligent and functional remote controller; more than that, BIO-Remote2 also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

**MX SUITE**  
THE ALL-IN-ONE  
MEDIA SOLUTION

**FREE  
DOWNLOAD**

## MX SUITE

As an Biostar customer you can download MAGIX multimedia tools designed to enhance your music, videos and photos for free. From music and website creation to video editing and photo management. Four products that cover all of your multimedia needs. Simply do more with your media than you ever thought possible.



## Simplitec

"Simplitec" offers premium solutions to ensure your PC is faster, more reliable and free of security gaps - automatically or with customized setups. "Simplitec" is a free bundle software to scan your computer for problems and offers a professional solution for each problem to put your PC back in top form.



## BIOS-Flasher

BIOS-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.



## BIOS-ReLife

BIOS-ReLife Technology lets you recover crashed BIOS data from a USB flash pen driver that stores new BIOS file. This practical BIOS utility can restore your system and recover from a BIOS crash situation.



## eHot-Line Utility

Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay.



## 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!**