

# H61M-ITX

Intel® H61 Chipset

**ASRock**  
www.asrock.com



## Product Brief <<<

- ASRock DuraCap (2.5 x longer life time), 100% Japan-made high-quality Conductive Polymer Capacitors
- Supports Intel® K-Series CPU
- Supports Dual Channel DDR3 1333
- Supports Intel® HD Graphics Built-in Visuals
- Multi VGA Output options: D-Sub, DVI-D and HDMI
- Supports XFast USB, On/Off Play Technology
- Supports AXTU, Graphical UEFI, Instant Boot, Instant Flash, APP Charger, SmartView
- 7.1 CH HD Audio (Realtek ALC887 Audio Codec), Supports THX TruStudio™
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, 1 x 3.5mm Audio Cable

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

## Detail Specification <<<

<b>Platform</b>	Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
<b>CPU</b>	- Supports 2nd Generation Intel® Core™ i7 / i5 / i3 in LGA1155 Package - Supports Intel® Turbo Boost 2.0 Technology - Supports Intel® K-Series CPU - Supports Hyper-Threading Technology
<b>Chipset</b>	- Intel® H61
<b>Memory</b>	- Dual Channel DDR3 memory technology - 2 x DDR3 DIMM slots - Supports DDR3 1333/1066 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB
<b>Expansion Slot</b>	- 1 x PCI Express 2.0 x16 slot (blue @ x16 mode)
<b>Graphics</b>	- Supports Intel® HD Graphics Built-in Visuals : Intel® Quick Sync Video, Intel® InTru™ 3D, Intel® Clear Video HD Technology, Intel® HD Graphics 2000/3000, Intel® Advanced Vector Extensions (AVX) - Pixel Shader 4.1, DirectX 11 with Intel® Ivy Bridge CPU, DirectX 10.1 with Intel® Sandy Bridge CPU - Max. shared memory 1759MB - Three VGA Output options: D-Sub, DVI-D and HDMI - Supports HDMI 1.4a Technology with max. resolution up to 1920x1200 @ 60Hz - Supports DVI with max. resolution up to 1920x1200 @ 60Hz - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI (Compliant HDMI monitor is required) - Supports HDCP function with DVI and HDMI ports - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports
<b>Audio</b>	- 7.1 CH HD Audio (Realtek ALC887 Audio Codec) - Supports THX TruStudio™
<b>LAN</b>	- PCIe x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111E - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports Energy Efficient Ethernet 802.3az - Supports PXE
<b>Rear Panel I/O</b>	I/O Panel - 1 x PS/2 Keyboard Port - 1 x D-Sub Port - 1 x DVI-D Port - 1 x HDMI Port - 1 x Optical SPDIF Out Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x eSATA2 Connector - 2 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
<b>USB 3.0</b>	- 2 x USB 3.0 ports by ASMedia ASM1042, support USB 1.0/2.0/3.0 up to 5Gb/s
<b>Connector</b>	- 3 x SATA3 3.0 Gb/s connectors, support NCQ, AHCI and Hot Plug functions - 1 x CIR header - 1 x Power LED header - CPU/Chassis FAN connector - 24 pin ATX power connector - 4 pin 12V power connector - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports)
<b>BIOS Feature</b>	- 32Mb AMI UEFI Legal BIOS with GUI support - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version), CyberLink MediaEspresso 6.5 Trial ASRock Software Suite (CyberLink DVD Suite - OEM and Trial)
<b>Unique Feature</b>	- ASRock Extreme Tuning Utility (AXTU) - ASRock Instant Boot - ASRock Instant Flash - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock On/Off Play Technology - Hybrid Booster: - ASRock U-COP - Boot Failure Guard (B.F.G.) - Good Night LED
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis Fan Tachometer - CPU/Chassis Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Chassis Fan Multi-Speed Control - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
<b>OS</b>	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (Optional) - 1 x 3.5mm Audio Cable (Optional)

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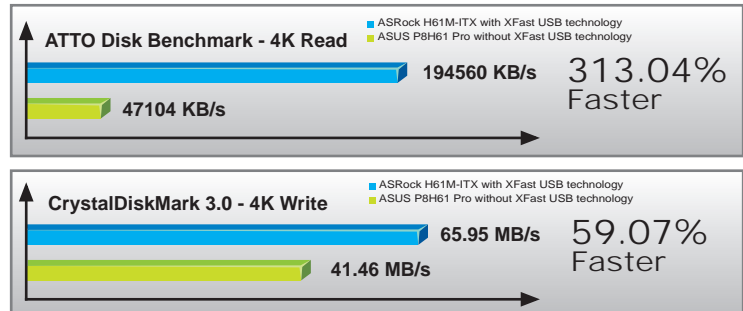
**ASRock**  
www.asrock.com

## XFast USB Technology

The world's fastest USB transfer speed.



## USB 3.0 Benchmark



## On/Off Play

Enjoy great audio experience from the portable audio devices via PC speaker even when the system is powered off.



**Free Bundle**  
3.5mm Audio Cable

## CyberLink MediaEspresso 6.5 Trial

The fastest video media conversation software



## Graphical UEFI

- \* Graphical Visual Experience
- \* Mouse Enabling
- \* Supports 3TB bootable HDD



## AXTU

ASRock Extreme Tuning Utility (AXTU) is an all-in-one software to fine-tune different features in a userfriendly interface, which includes Hardware Monitor, Fan Control, Overclocking, OC DNA and IES.



## USB 3.0

2 x USB 3.0 5Gb/s



## App Charger

The best Apple charge companion



## THX TruStudio

Delivering the fullest audio experience for games, music and movies.



## Intel® HD Graphics Built-in Visuals



Intel® Quick Sync Video

Intel® InTru™ 3D

Intel® Clear Video HD Technology

Intel® HD Graphics 2000/3000

Intel® Advanced Vector Extensions (AVX)