

A55M-HVS

AMD A55 FCH (Hudson-D2)

ASRock
www.asrock.com



Product Brief <<<

- Support for Socket FM1 100W processors
- Supports Dual Channel DDR3 2400+(OC)
- Supports AMD Dual Graphics
- Dual VGA Output : D-Sub and HDMI
- Supports Blu-ray Stereoscopic 3D with HDMI 1.4a
- 5.1 CH HD Audio (VIA® VT1705 Audio Codec), Supports THX TruStudio™
- Supports XFast USB, XFast LAN Technologies
- Supports Graphical UEFI, APP Charger
- Free Bundle : CyberLink MediaEspresso 6.5 Trial ; ASRock MAGIX Multimedia Suite

Detail Specification <<<

Platform	- Micro ATX Form Factor: 8.9-in x 8.5-in, 22.6 cm x 21.6 cm - Solid Capacitor for CPU power
CPU	- Support for Socket FM1 100W processors - Supports AMD's Cool 'n' Quiet Technology - UMI-Link GEN2
Chipset	- AMD A55 FCH (Hudson-D2)
Memory	- Dual Channel DDR3 memory technology - 2 x DDR3 DIMM slots - Supports DDR3 2400+(OC)/1866(OC)/1600(OC)/1333/1066/800 non-ECC , un-buffered memory - Max. capacity of system memory: 16GB
Expansion Slot	- 1 x PCI Express 2.0 x16 slot - 1 x PCI Express 2.0 x1 slot - 1 x PCI slot - Supports AMD Dual Graphics
Graphics	- AMD Radeon HD 65XX/64XX graphics in Llano APU - DirectX 11, Pixel Shader 5.0 - Max. shared memory 512MB - Dual VGA Output: support HDMI and D-Sub ports by independent display controllers - Supports HDMI 1.4a Technology with max. resolution up to 1920x1200 @ 60Hz - Supports D-Sub with max. resolution up to 1920x1600 @ 60Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI (Compliant HDMI monitor is required) - Supports Blu-ray Stereoscopic 3D with HDMI 1.4a - Supports AMD Steady Video™: New video post processing capability for automatic jitter reduction on home/online video - Supports HDCP function with HDMI port - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with HDMI port
Audio	- 5.1 CH HD Audio (VIA® VT1705 Audio Codec) - Supports THX TruStudio™
LAN	- 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
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x D-Sub Port - 1 x HDMI Port - 6 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Line in / Front Speaker / Microphone
Connector	- 6 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and "Hot Plug" functions - 1 x IR header - 1 x CIR header - 1 x Print port header - 1 x COM port header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - Front panel audio connector - 3 x USB 2.0 headers (support 6 USB 2.0 ports)
BIOS Feature	- 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 - DRAM, VDDP, SB Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), AMD Live! Explorer, CyberLink MediaEspresso 6.5 Trial, ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; ASRock MAGIX Multimedia Suite - OEM)
Unique Feature	- ASRock Extreme Tuning Utility (AXTU) - ASRock Instant Boot - ASRock Instant Flash - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock XFast LAN - Hybrid Booster: - ASRock U-COP
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU/Chassis Quiet Fan - CPU/Chassis Fan Multi-Speed Control - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA data cables (optional)

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.

A55M-HVS

AMD A55 FCH (Hudson-D2)

ASRock
www.asrock.com

The Most Powerful APU Graphics Ever

Configuration		
Model	ASRock A55M-HVS	Other A55 Motherboard
Chipset	Hudson D2	Hudson D2
CPU	AMD A8-3850 2.9 GHz	AMD A8-3850 2.9 GHz
RAM	Kingston DDRIII 2250 2GB*2	Kingston DDRIII 2250 2GB*2
VGA Card	ATI HD 6600	ATI HD 6600
HDD	Western Digital WD6402AAEX	Western Digital WD6402AAEX

Onboard APU Graphics Performance



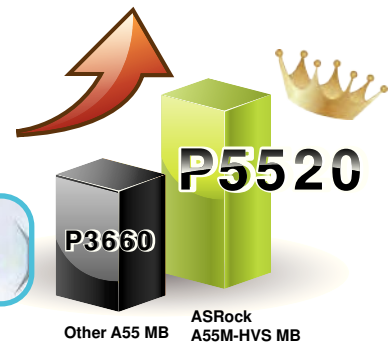
50.82%
Surpassed Performance

3DMark Vantage (Performance)

ASRock A55M-HVS



Other A55 Motherboard



Dual Graphics Performance



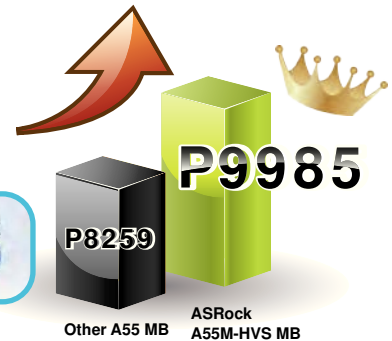
20.90%
Surpassed Performance

3DMark Vantage (Performance)

ASRock A55M-HVS



Other A55 Motherboard



DDR3 2400+ Support

The World's Fastest A55 Motherboard With DDR3 2400+ Support



ASRock A55M-HVS MB

DDR3 2400+

Other A55 MB
DDR3 1866




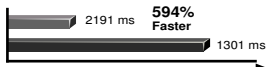

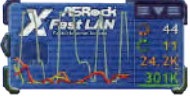
A55M-HVS

AMD A55 FCH (Hudson-D2)

ASRock
www.asrock.com

XFast LAN Technology



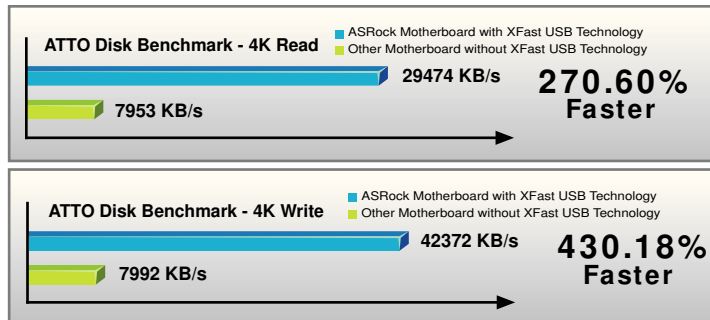
<p>1 LAN Application Prioritization</p>  <p>You can configure your application priority ideally and/or add new programs.</p>	<p>2 Lower Latency In Game</p>  <p>Time latency in World of Warcraft: Cataclysm ■ With XFast LAN ■ Without XFast LAN</p> <p>After setting online game priority higher in XFast LAN, it can lower the latency in game.</p>
<p>3 Traffic Shaping</p>  <p>You can watch Youtube HD video and download files simultaneously.</p>	<p>4 Real-Time Analysis Of Your Data</p>  <p>With the status window, you can easily recognize which data streams you are currently transferring.</p>

XFast USB Technology

The world's fastest USB transfer speed.



USB 2.0 Benchmark



AMD Steady Video

New Video Post Processing Capability : automatic jitter reduction on home/online video.



Before

After

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.



MAGIX Multimedia Suite

The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. Simply do more with your media than you ever thought possible.



App Charger

The best Apple charge companion

