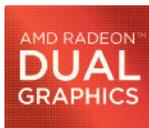


A55 Pro

AMD A55 FCH (Hudson-D2)

ASRock
www.asrock.com



Product Brief

- 100% All Solid Capacitor Design
- Support for Socket FM1 100W processors
- Supports Dual Channel DDR3 2400+(OC)
- Supports AMD Quad CrossFireX, CrossFireX, Dual Graphics
- 5.1 CH HD Audio (Realtek ALC662 Audio Codec)
- Supports PCIE Gigabit LAN
- Supports XFast 555, APP Charger, SmartView, AMD Steady Video™
- Free Bundle : CyberLink MediaEspresso 6.5 Trial ; ASRock MAGIX Multimedia Suite

Detail Specification

Platform	- ATX Form Factor: 12.0-in x 7.2-in, 30.5 cm x 18.3 cm - All Solid Capacitor design
CPU	- Support for Socket FM1 100W processors - 4 + 1 Power Phase Design - 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)/1866/1600/1333/1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB
Expansion Slot	- 2 x PCI Express 2.0 x16 slots (PCIe2 @ x16 mode; PCIe5 @ x4 mode) - 3 x PCI Express 2.0 x1 slots - 2 x PCI slots - Supports AMD Quad CrossFireX™, CrossFireX™ and 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 D-Sub and DVI-D ports by independent display controllers - Supports DVI with max. resolution up to 1920x1200 @ 75Hz - Supports D-Sub with max. resolution up to 1920x1600 @ 60Hz - Supports AMD Steady Video™: New video post processing capability for automatic jitter reduction on home/online video - Supports HDCP function with DVI port - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI port
Audio	- 5.1 CH HD Audio (Realtek ALC662 Audio Codec)
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 DVI-D 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 COM port header - 1 x HDMI_SPDIF header - 1 x Power LED header - 1 x CPU Fan connector (4-pin) - 2 x Chassis Fan connectors (2 x 4-pin) - 24 pin ATX power connector - 8 pin 12V power connector - Front panel audio connector - 2 x USB 2.0 headers (support 4 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 - CPU, DRAM, VDDP, SB Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), AMD Live! Explorer, CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite - OEM
Unique Feature	- ASRock Extreme Tuning Utility (AXTU) - ASRock Instant Boot - ASRock Instant Flash - ASRock APP Charger - ASRock XFast USB - ASRock XFast LAN - ASRock XFast RAM - Hybrid Booster: - ASRock U-COP
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis Fan Tachometer - CPU 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

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XFast RAM
Fully Optimize Memory Usage

Photoshop
Faster
5X

5X Faster for Photoshop Execution

XFast RAM will create a virtual disk from the system memory to boost the performance. For Photoshop, it can even perform 5X faster than before.

* The performance boost percentage may vary with a different configuration.

XFast LAN
Faster Internet Access

Lower Latency In Game
Faster
5X

Lower Latency In Game

XFast LAN can lower latency in the game after setting online game priority higher.

Time latency in World of Warcraft: Cataclysm
*Lower is better
■ ASRock Motherboard with XFast LAN
■ Other Motherboard without XFast LAN

XFast USB
Boosts up your USB speed

USB Performance Comparison
Faster
5X

USB Performance Comparison

ATTO Disk Benchmark 4K Read
■ ASRock Motherboard with XFast USB
■ Other Motherboard without XFast USB

FNnet
Power by Finet

The Most Powerful APU Graphics Ever

Configuration		
Model	ASRock A55 Pro	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)

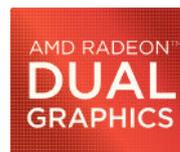
ASRock A55 Pro



Other A55 Motherboard



Dual Graphics Performance



20.90%
Surpassed Performance

3DMark Vantage (Performance)

ASRock A55 Pro



Other A55 Motherboard



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DDR3 2400+ Support

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



1200.0 MHz
Dual Channel

DDR3 2400+

ASRock A55 Pro MB

DDR3 2400+

Other A55 MB
DDR3 1866



AMD Dual Graphics

The AMD Dual Graphics technology combines APU and GPU computing power to optimize user's visual experience.



AMD Steady Video™

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



Before

After

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, IES and XFast RAM.



Graphical UEFI

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



Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software



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

