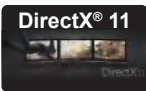


A55 Pro3

AMD A55 FCH (Hudson-D2)

ASRock
www.asrock.com



Detail Specification

Platform	- ATX Form Factor: 12.0-in x 8.6-in, 30.5 cm x 21.8 cm - All Solid Capacitor design
CPU	- Support for Socket FM1 100W processors - V4 + 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 - 4 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: 32GB
Expansion Slot	- 2 x PCI Express 2.0 x16 slots (PCIe2 @ x16 mode; PCIe3 @ x4 mode) - 1 x PCI Express 2.0 x1 slot - 3 x PCI slots - Supports AMD Quad CrossFireX™, CrossFireX™ and Dual Graphics
Graphics	- AMD Radeon HD 65XX/64XX graphics in Liano 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	- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) - Premium Blu-ray audio support - 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 - 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
SATA3	- 2 x SATA3 6.0 Gb/s connectors by ASMedia ASM1061, support NCQ, AHCI and "Hot Plug" functions
USB 3.0	- 2 x USB 3.0 ports by Etron EJ168A, support USB 1.0/2.0/3.0 up to 5Gbps
Connector	- 5 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and "Hot Plug" functions - 2 x SATA3 6.0 Gb/s connectors - 1 x IR header - 1 x CIR header - 1 x COM port header - 1 x HDMI_SPDIF header - 1 x Power LED 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, VDDR, 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 - ASRock On/Off Play Technology - 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)

Product Brief

- Support for Socket FM1 100W processors
- Supports Dual Channel DDR3 2400+(OC)
- Supports AMD Quad CrossFireX™, CrossFireX™ and Dual Graphics
- Dual-VGA Output : D-Sub and HDMI
- Supports 2 x SATA3, 2 x USB 3.0
- Supports AMD Steady Video™: New video post processing capability for automatic jitter reduction on home/online video
- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec), Supports THX TruStudio™
- Supports XFast USB, XFast LAN Technologies
- Supports graphical UEFI, AXTU, On/Off Play, Instant Boot, Instant Flash, APP Charger
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite

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.

A55 Pro3

AMD A55 Hudson D2 Chipset

ASRock
www.asrock.com

The Most Powerful APU Graphics Ever

Configuration		
Model	ASRock A55 Pro3	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)

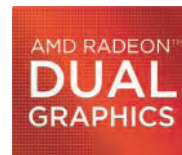
ASRock A55 Pro3



Other A55 Motherboard



Dual Graphics Performance



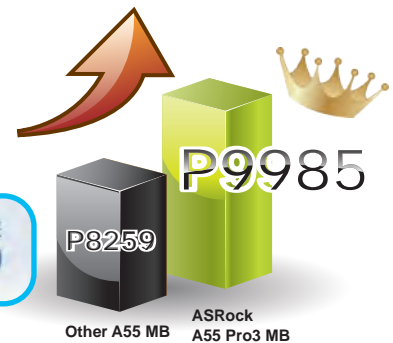
20.90%
Surpassed Performance

3DMark Vantage (Performance)

ASRock A55 Pro3



Other A55 Motherboard



DDR3 2400+ Support

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



ASRock A55 Pro3 MB

DDR3 2400+

Other A55 MB
DDR3 1866







A55 Pro3

AMD A55 Hudson D2 Chipset

ASRock
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XFast LAN Technology



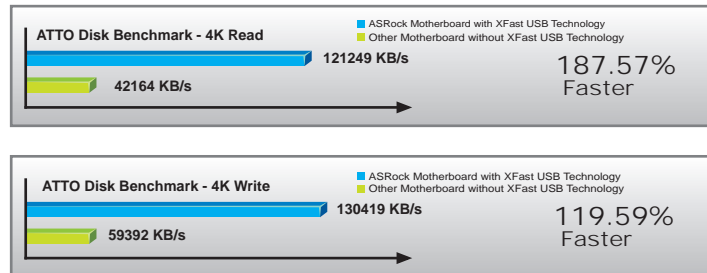
<p>1 LAN Application Prioritization</p>  <p>You can configure your application priority ideally and/or add new programs.</p>	<p>2 Lower Latency In Game</p>  <p>Time latency in World of Warcraft: Cataclysm ■ With XFast LAN ■ Without XFast LAN</p> <p>After setting online game priority higher in XFast LAN, 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 3.0 Benchmark



AMD Steady Video

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

On/Off Play

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

Graphical UEFI

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

Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software



THX TruStudio

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

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.

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

SATA3

2 x SATA3 6Gb/s

