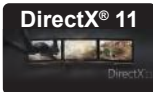


# A55iCafe

AMD A55 FCH (Hudson-D2)

**ASRock**  
www.asrock.com



## Detail Specification

|                         |   |
|-------------------------|---|
| <b>Platform</b>         | - ATX Form Factor: 12.0-in x 8.0-in, 30.5 cm x 20.3 cm<br>- All Solid Capacitor design  |
| <b>CPU</b>              | - Support for Socket FM1 100W processors<br>- V4 + 1 Power Phase Design<br>- Supports AMD's Cool 'n' Quiet Technology<br>- UMI-Link GEN2  |
| <b>Chipset</b>          | - AMD A55 FCH (Hudson-D2)   |
| <b>Memory</b>           | - Dual Channel DDR3 memory technology<br>- 4 x DDR3 DIMM slots<br>- Supports DDR3 2400+(OC)/1866(OC)/1600(OC)/1333/1066/800 non-ECC, un-buffered memory<br>- Max. capacity of system memory: 32GB   |
| <b>Expansion Slot</b>   | - 1 x PCI Express 2.0 x16 slot (PCIe3 @ x16 mode)<br>- 2 x PCI Express 2.0 x1 slots<br>- 2 x PCI slots<br>- Supports AMD Dual Graphics  |
| <b>Graphics</b>         | - AMD Radeon HD 65XX/64XX graphics in Llano APU<br>- DirectX 11, Pixel Shader 5.0<br>- Max. shared memory 512MB<br>- Dual VGA Output: support D-Sub and DVI-D ports by independent display controllers<br>- Supports DVI with max. resolution up to 1920x1200 @ 75Hz<br>- Supports D-Sub with max. resolution up to 1920x1600 @ 60Hz<br>- Supports AMD Steady Video™: New video post processing capability for automatic jitter reduction on home/online video<br>- Supports HDCP function with DVI port<br>- Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI port |
| <b>Audio</b>            | - 5.1 CH HD Audio (Realtek ALC662 Audio Codec)<br>- Premium Blu-ray audio support<br>- Supports THX TruStudio™  |
| <b>LAN</b>              | - PCIe x1 Gigabit LAN 10/100/1000 Mb/s<br>- Realtek RTL8111E<br>- Supports Wake-On-LAN<br>- Supports LAN Cable Detection<br>- Supports Energy Efficient Ethernet 802.3az<br>- Supports PXE  |
| <b>Rear Panel I/O</b>   | I/O Panel<br>- 1 x PS/2 Mouse Port<br>- 1 x PS/2 Keyboard Port<br>- 1 x D-Sub Port<br>- 1 x DVI-D Port<br>- 6 x Ready-to-Use USB 2.0 Ports<br>- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)<br>- HD Audio Jack: Line in / Front Speaker / Microphone   |
| <b>Connector</b>        | - 6 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and "Hot Plug" functions<br>- 1 x IR header<br>- 1 x CIR header<br>- 1 x COM port header<br>- 1 x HDMI_SPDIF header<br>- 1 x Power LED header<br>- CPU/Chassis/Power FAN connector<br>- 24 pin ATX power connector<br>- 8 pin 12V power connector<br>- Front panel audio connector<br>- 3 x USB 2.0 headers (support 6 USB 2.0 ports)   |
| <b>BIOS Feature</b>     | - 32Mb AMI UEFI Legal BIOS with GUI support<br>- Supports "Plug and Play"<br>- ACPI 1.1 Compliance Wake Up Events<br>- Supports jumperfree<br>- SMBIOS 2.3.1 Support<br>- DRAM, VDDP, VDDR, SB Voltage Multi-adjustment   |
| <b>Support CD</b>       | - 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)   |
| <b>Unique Feature</b>   | - ASRock Extreme Tuning Utility (AXTU)<br>- ASRock Instant Boot<br>- ASRock Instant Flash<br>- ASRock APP Charger<br>- ASRock SmartView<br>- ASRock XFast USB<br>- ASRock XFast LAN<br>- Hybrid Booster:<br>- ASRock U-COP  |
| <b>Hardware Monitor</b> | - CPU Temperature Sensing<br>- Chassis Temperature Sensing<br>- CPU/Chassis/Power Fan Tachometer<br>- CPU/Chassis Quiet Fan<br>- CPU/Chassis Fan Multi-Speed Control<br>- Voltage Monitoring: +12V, +5V, +3.3V, 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<br>- ErP/EuP Ready (ErP/EuP ready power supply is required)   |
| <b>Accessories</b>      | - Quick Installation Guide, Support CD, I/O Shield<br>- 2 x SATA data cables (optional)   |

## Product Brief

- Support for Socket FM1 100W processors
- Supports Dual Channel DDR3 2400+(OC)
- Supports AMD Dual Graphics
- Dual-VGA Output : D-Sub and DVI-D
- Supports AMD Steady Video™: New video post processing capability for automatic jitter reduction on home/online video
- 5.1 CH HD Audio (Realtek ALC662 Audio Codec), Supports THX TruStudio™
- Supports XFast USB, XFast LAN Technologies
- Supports graphical UEFI, AXTU, 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.

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## The Most Powerful APU Graphics Ever

| Configuration |                            |                            |
|---------------|----------------------------|----------------------------|
| Model         | ASRock A55iCafe            | 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)

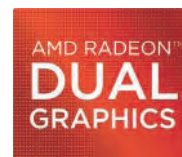
ASRock A55iCafe



Other A55 Motherboard



Dual Graphics Performance



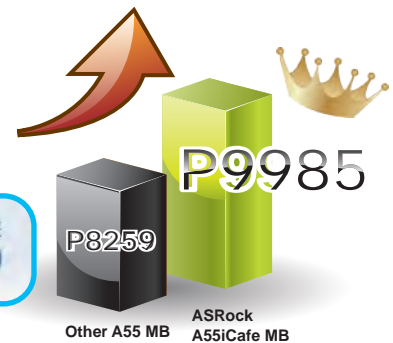
**20.90%**  
Surpassed Performance

3DMark Vantage (Performance)

ASRock A55iCafe



Other A55 Motherboard



## DDR3 2400+ Support

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



ASRock A55iCafe MB

**DDR3 2400+**

Other A55 MB  
DDR3 1866



# A55iCafe

AMD A55 FCH (Hudson-D2)

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## XFast LAN Technology



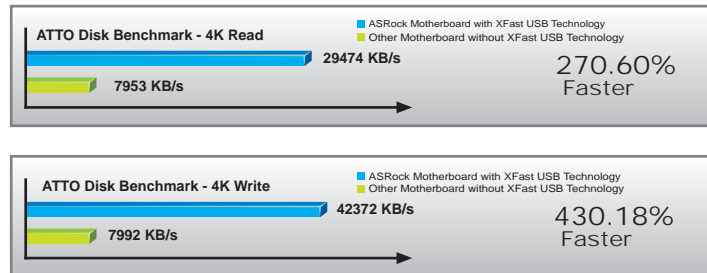
|   |   |
|---|---|
| <b>1 LAN Application Prioritization</b><br><br>You can configure your application priority ideally and/or add new programs. | <b>2 Lower Latency In Game</b><br><br>Time latency in World of Warcraft: Cataclysm<br>■ With XFast LAN ■ Without XFast LAN<br>After setting online game priority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

## 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

## 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 an userfriendly interface, which includes Hardware Monitor, Fan Control, Overclocking, OC DNA and IES.

