A75 Pro4

AMD A75 Hudson D3 Chipset

ASRock
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Product Brief

- Support for Socket FM1 100W processors
- AMD A75 Hudson D3 Chipset Supports Native 6 x SATA3, 4 x USB 3.0 Ports
- Supports Dual Channel DDR3 2400+(OC)
- Supports AMD Quad CrossFireX™, CrossFireX™ and Dual Graphics
- Multi-VGA Output : D-Sub, DVI-D and HDMI
- Supports AMD Steady Video™: New video post processing capability for automatic jutter reduction on home/online video
- 7.1 CH HD Audio with Content Protection (Realtec ALC892 Audio Codec), Supports THX TruStudio™
- Supports XFast USB Technology, Graphical UEFI BIOS
- Supports On/Off Play Technology, Instant Boot, Instant Flash, APP Charger, SmartView
- 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

Platform	- ATX Form Factor: 12.0-in x 8.8-in, 30.5 cm x 22.4 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 A75 FCH (Hudson-D3)
Memory	- Dual Channel DDR3 memory technology - 4 x DDR3 DIMM slots - Supports DDR3 2400+(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; PCIE4 @ x4 mode) - 2 x PCI Express 2.0 x1 slots - 3 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 - Three VGA Output options: D-Sub, DVI-D and HDMI - Supports HDMI 1.4a Technology with max. resolution up to 1920x1200 @ 60Hz - Supports Dual-link DVI with max. resolution up to 2560x1600 @ 75Hz - 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 jutter reduction on home/online video - Supports HDCP function with DVI and HDMI ports - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports
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/Keyboard Port - 1 x VGA/D-Sub Port - 1 x VGA/DVI-D Port - 1 x HDMI Port - 1 x Optical SPDIF Out Port - 2 x Ready-to-Use USB 2.0 Ports - 1 x eSATA3 Connector - 4 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x IEEE 1394 Port - 1 x Clear CMOS Switch with LED - HD Audio Jack: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
SATA3	- 5 x SATA3 6.0 Gb/s connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and "Hot Plug" functions
USB 3.0	- 4 x USB 3.0 ports, support USB 1.0/2.0/3.0 up to 5Gb/s
Connector	- 5 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 IEEE 1394 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) - 1 x Dr. Debug with LED
Smart Switch	- 1 x Power Switch with LED - 1 x Reset Switch with LED - 1 x Clear CMOS Switch with LED
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)
Unique Feature	- 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
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 - 4 x SATA data cables (optional) - 1 x 3.5mm Audio Cable (Optional)

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The Most Powerful APU Graphics Ever

Configuration		
Model	ASRock A75 Pro4	Other A75 Motherboard
Chipset	Hudson D3	Hudson D3
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

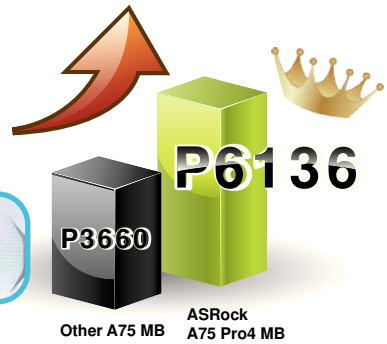
P6000+ 3DMARK VANTAGE

67.65% Surpassed Performance

3DMark Vantage (Performance)

ASRock A75 Pro4

Other A75 Motherboard



Dual Graphics Performance

AMD RADEON™ DUAL GRAPHICS

21.10% Surpassed Performance

3DMark Vantage (Performance)

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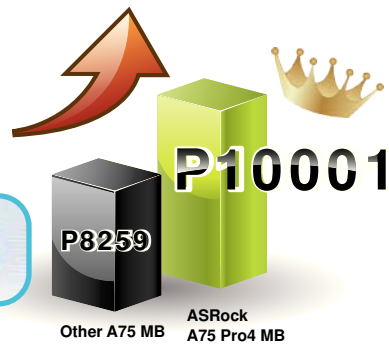
Other A75 Motherboard



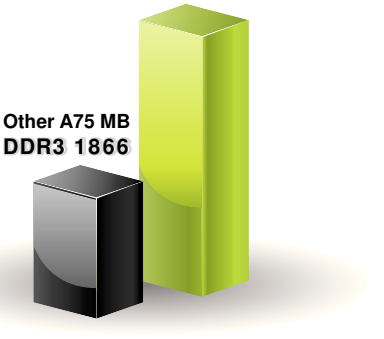
DDR3 2400+ Support

The World's Fastest A75 Motherboard With DDR3 2400+ Support

DDR3 2400+

ASRock A75 Pro4 MB

DDR3 2400+



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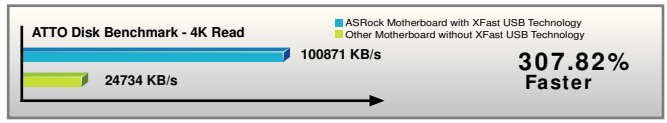
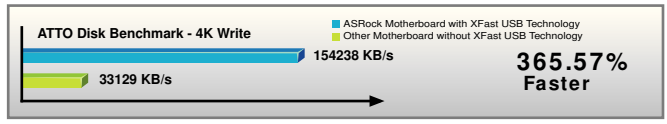
XFast USB Technology

The world's fastest USB transfer speed.

XFast USB
Boosts up your USB speed

USB 3.0 Benchmark





Native USB 3.0 and SATA3 Support

The AMD A75 Hudson D3 chipset provides native support of USB 3.0 and SATA3. ASRock A75 Motherboard Series provide rich storage options including 4 USB 3.0 and 5 SATA3 ports.

AMD Steady Video

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

Before After

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

THX TruStudio

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

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.

Graphical UEFI

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

USB 3.0

4 x USB 3.0 5Gb/s

SATA3

5 x SATA3 6Gb/s
1 x eSATA3 6Gb/s

App Charger

The best Apple charge companion

Multi-VGA Output Option : D-Sub, DVI-D and HDMI