

ASRock A75M

Motherboard, micro ATX, Socket FM1, AMD A75, USB 3.0, Gigabit LAN, onboard graphics (CPU required), HD Audio (8-channel)



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 6 SATA3 ports. ASRock XFast USB technology redefines the standard in high performance computing. Proving once again to be the pioneer in motherboard industry, ASRock XFast USB series motherboards integrate with the XFast USB technology which delivers the world's fastest USB data transfer speed.

General information

	Asrock
Category	Motherboards
Article number	212955
	A75M

Technical specifications

Product Description	ASRock A75M - motherboard - micro ATX - Socket FM1 - AMD A75
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Product Type	Motherboard - micro ATX
Chipset Type	AMD A75
Processor Socket	1 x Socket FM1
Max RAM Size	16 GB
Max Supported Memory	16 GB
RAM Supported	2 DIMM slots - DDR3 , non-ECC , unbuffered
Storage Ports	5 x SATA-600 (RAID), 1 x eSATA-600
USB / FireWire Ports	4 x USB 3.0 + 2 x USB 2.0 + (6 x USB 2.0 via headers)
Max Allocated RAM Size	512 MB
Audio	HD Audio (8-channel)
LAN	Gigabit Ethernet

More detailed technical specifications

General

Product Type	Motherboard - micro ATX
Chipset Type	AMD A75
Processor Socket	Socket FM1
Max Processors Qty	1

Memory

Max Supported Memory	16 GB
Supported RAM Technology	DDR3 SDRAM
Supported RAM Speed	2400 MHz, 1600 MHz, 1333 MHz, 1066 MHz, 800 MHz, 1866 MHz
Supported RAM Integrity Check	Non-ECC
Supported RAM (Registered or Buffered)	Unbuffered
RAM Features	Dual channel memory architecture

Supported RAM

Max Size	16 GB
Technology	DDR3
Bus Clock	2400 MHz, 1600 MHz, 1333 MHz, 1066 MHz, 800 MHz, 1866 MHz
Speed	PC3-19200, PC3-14400, PC3-12800, PC3-10666, PC3-8500, PC3-6400
Data Integrity Check	Non-ECC
Supported RAM Integrity Check	Non-ECC
Registered or Buffered	Unbuffered
Features	Dual channel memory architecture

Graphics

Memory Allocation Technology	Shared Video Memory (UMA)
Max Allocated RAM Size	512 MB

Audio

Type	HD Audio (8-channel)
Audio Codec	Realtek ALC892
Compliant Standards	High Definition Audio, THX TruStudio Pro

LAN

Network Controller	Realtek RTL8111E
Network Interfaces	Gigabit Ethernet

Expansion / Connectivity

Expansion Slot(s)	1 x CPU 2 x DIMM 240-pin 1 x PCIe 2.0 x16 1 x PCIe 2.0 x1 2 x PCI
Storage Interfaces	SATA-600 - connector(s): 5 x 7pin SATA - 5 Device(s) - RAID 0 / RAID 1 / RAID 10 / JBOD SATA-600 - connector(s): 1 x 7pin external SATA - 1 Device(s)
Interfaces	1 x PS/2 keyboard 1 x PS/2 mouse 1 x VGA 1 x HDMI 1 x LAN (Gigabit Ethernet) 4 x USB 3.0 2 x USB 2.0 1 x TOSLINK 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x audio line-in - mini-jack 1 x audio line-out (center/subwoofer) - mini-jack 1 x audio line-out (rear) - mini-jack
Internal Interfaces	6 x USB 2.0
Power Connectors	24-pin main power connector, 8-pin ATX12V connector

Features

BIOS Type	AMI
BIOS Features	JumperFree, SMBIOS 2.3.1. support, ACPI 1.1 support, UEFI BIOS
Manual Settings	CPU frequency, memory voltage, chipset voltage
Hardware Monitoring	CPU core temperature, chassis temperature, CPU fan tachometer, chassis fan tachometer, system voltage, power supply fan tachometer
Sleep / Wake Up	Wake on LAN (WOL)
Hardware Features	ASRock Hybrid Booster, ASRock U-COP, AMD Cool 'n' Quiet Technology, ASRock Instant Boot, ASRock Instant Flash, All-Solid Capacitor motherboard Design, HDCP compliant, ASRock APP Charger, ASRock XFast USB, ASRock On/Off Play Technology, AMD Radeon Dual Graphics

Miscellaneous

Included Accessories	I/O back plate
Software Included	Drivers & Utilities, ASRock Software Suite, AMD Live! Explorer, Cyberlink MediaEspresso 6.5 (30-day trial)
Compliant Standards	Plug and Play, WHQL, FCC, ACPI 1.1, EuP Ready, ErP Ready
Width	24.4 cm
Depth	21.6 cm

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