JETWAY
TECHNOLOGY ON THE MOVE

Mainboard A200GDMS-PRO

Mainboard Diagram

Device								
E-IDE Devices	●	●	●	●	○	○		
S-ATA Devices	●	●	●	●				
AGP Slots	○	○						
PCI Express x16	●	○						
Memory DIMMs	●	●	○	○				
32-bit PCI Slots	●	●	○	○	○	○		
PCI Express x1	●	○						
10/100 LAN Ports	●	○						
Serial Ports	●	○	○	○				
Parallel Ports	●	○						
PS / 2 Connectors	●	●						
D-sub 15-pin Connector	●	○	○	○				
Gigabit LAN Ports	○	○						
AC 97' Multi-Ch Audio	●	●	●	●	●	●	●	●
USB 2.0 Connectors	●	●	●	●	●	●	●	●

Feature and Benefits

Socket 754 AMD® Athlon64® Processor with Hyper Transport Technology Supported

Advanced platform which meets the world's most famous 3D games DOOM 3 with the 64-bit computing ready AMD® Athlon64 Processors with Hyper Threading Technology for the next generation demanding usage of Home Networking and Game Enthusiasts.

ATI RADEON® XPRESS 200 Northbridge and ULi M1573 Southbridge Chipsets

The RADEON® XPRESS 200 brings both stunning 3D graphics and universal connectivity in a chipset design that provides exceptional value for the high performance. The new chipset can effortlessly scale from everyday multimedia applications to high-definition 3D gaming. The RADEON® XPRESS 200 is the first chipset solution in the market with a DirectX™ 9.0 graphics core that is a derivative of RADEON® X300.

OC-CON high-polymer solid electrolysis aluminum capacitors embedded

The working temperature is from 55 degrees Centigrade below zero to 125 degrees Centigrade, OC_CON capacitors possess superior physical characteristics that can be while reducing the working temperature between 20 degrees Centigrade each time, intact extension 10 times of effective product operation lives, at not rising degrees Centigrade of working temperatures each time a relative one, life of product decline 10% only too.

Embedded 32 MB Side port Memory and Share Memory Size up to 128MB

Without sharing the system memory for the usage of integrated graphics, the embedded 32MB Side Port memory can fulfill the daily usage of computing, for advanced usage, you could still choose to use the system memory sharing up to 128MB. The flexibilities are ready for the optimal graphic performance of the DirectX™ 9.0 supported integrated ATI RADEON® X300 graphics core.

PCI Express Buses

The PCI Express x16 graphics delivers up to 4 GB/s per direction, 3.5 times more bandwidth than AGP8X and up to 8 GB/s concurrent bandwidth. PCI Express x1 I/O offers 500 MB/s concurrently, over 3.5 times more bandwidth than PCI at 133 MB/s, tackling the most demanding multimedia tasks nowadays.

Pro Magic Plus System Recovery Software Embedded

Restore important data back right away, allowing your system to be operated under a safe environment. This amazing software not only provides convenient instant restoration, but also brings data back to the preferred state at any specific time point as you wish. Moreover, it combines several other functions such as anti-virus, backup software, uninstall software, multi-booting etc. to satisfy your needs of all sorts of system protections. No more worries on new virus or system failure!

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Target Market

Suggested Sales Channel
■ DIY ■ SI ☐ Tender

End User Application
■ Home ☐ Business ■ Power User

Market Directive
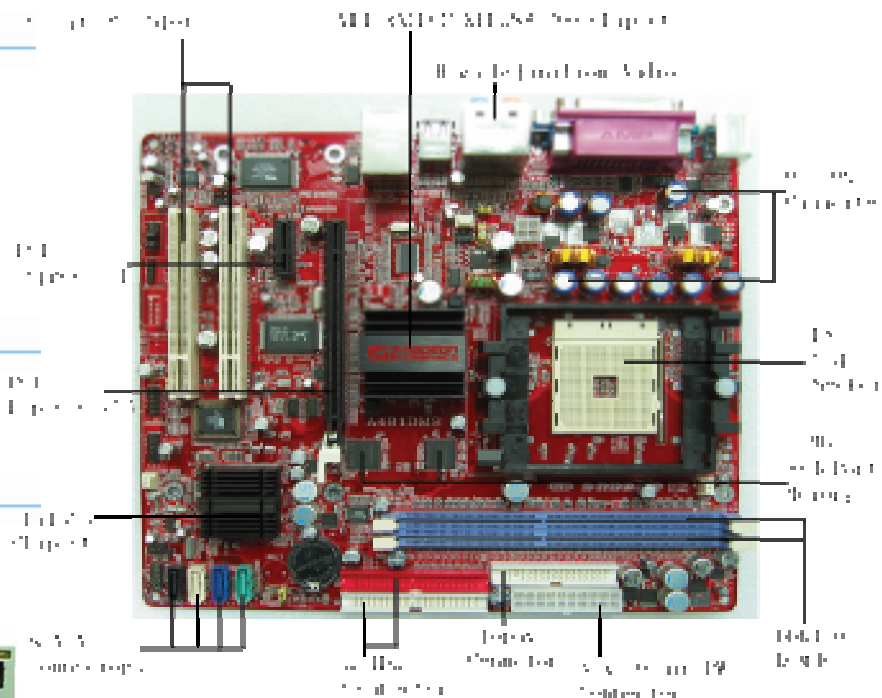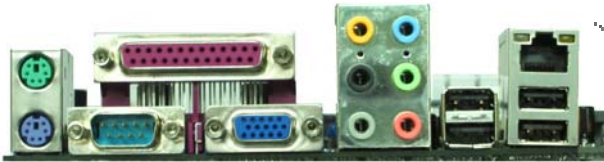■ New Generation ☐ Replace _____

Availability

Sample: Ready
Mass Production: Ready

Rare I / O

Mainboard Specifications

●	CPU	■	Socket 754 FSB 800 MHz AMD® Athlon™64 Processor With HyperTransport Technology
●	Chipset	■	ATI RS480 North Bridge Chipset + ULi M1573 South Bridge Chipset
●	Memory	■	2 * 184-pin DIMM Sockets for unbuffered Dual DDR 400 / 333 / 266 SDRAM up to 2 GB
●	Expansion Slots	■	2 * 32-bit PCI Slots, 2* PCI Express x1, and 1* PCI Express x16
●	Storage	■	4 * Ultra DMA 133 / 100 / 66 / 33
		■	Supports 4 * Serial ATA With RAID 0, 1, 0+1
●	Audio	■	Realtek ALC880 8-Channel High Definition Audio CODEC (AZALIA Audio CODEC)
●	Ethernet LAN	■	Realtek 8100C 10 / 100 PCI LAN
●	USB	■	Embedded 8 * High Speed USB @ 480 Mbit / s
●	Special Features	■	Advanced Power Design that supports AMD® Athlon™64 Processor
		■	32MB Embedded Side Port Memory for Integrated ATI RADEON® X300 Graphics Core
		■	Support "HyperT" Tune and "HyperV" Tune functions for optimizing your personal computing demands
●	Rare Panel I / O	■	4 * High Speed USB Connectors @ 480 Mbit / s
		■	1 * Parallel Connector
		■	1 * Serial Port / 1 * D-sub 15-pin VGA connector
		■	1 * PS / 2 Mouse & 1 * PS/2 Keyboard
		■	1 * RJ45 Connector
		■	1 * Audio I / O
●	Internal I / O	■	2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports
		■	CPU / Chassis Fan Connectors
		■	1 * 12V 4-pin ATX Power Connector and 1 * 20-pin ATX Power Connector
		■	CD / AUX Audio in
●	BIOS	■	Award 2 MB Flash ROM
●	Form Factor	■	Micro ATX Form Factor