Mainboard Diagram

M2A693PLUS-VP

- AMD™ 690V Chipset and AMD™ SB600 Chipset
- Support Socket AM2+ AMD Phenom™ Processor
  Socket AM2 64-bit dual core AMD Athlon™64 X2 processor
- Support HTT 1000MHz -Support HTT 1000MHz
- Dual Channel DDR2 800 Memory DIMMs Supported
- Support 4 Serial ATA Devices with RAID 0, 1, 10
- Ready for Windows® Vista™
- PCI Express 10/100 LAN Supported
- 6-Channel Audio CODEC
- CPU Vcore 7-Shift
- Micro ATX Form Factor

Features and Benefits

Socket AM2 64-bit AMD Athlon™ 64 Processor with HyperTransport™ Technology

AMD64, a revolutionary technology allowing the processor to run 32-bit applications at full speed while enabling a new generation of powerful 64-bit software applications. HyperTransport™ technology can increase overall system performance by removing I/O bottlenecks, increasing system bandwidth, and reducing system latency.

AMD™ 690V Chipset: Backbone of the Performance Platform

AMD™ 690V chipset is AMD's performance class IGP platform solution. With embedded ATI Radeon® X1200 graphics core, this advanced chipset pumps an exceptional performance of VPU, delivering incredible graphics and blistering performance. AMD™ 690V chipset provides incredible flexibility and unlimited upgrade potential as it supports all Radeon® PCI – E graphics cards on a system configured for either single GPU or next generation multimedia operation. Designed with ATI's unique architecture to optimize speed and stability, this solution is perfect for overclocking – without the need of additional cooling systems.

AMD™ SB600 Southbridge Chipset

AMD SB600 Series offers advanced technologies and superior performance to any chipset platform solution for AMD desktop and mobile applications. With superior performance and broad-based connectivity, SB600 is rich in all the latest advanced features such as 10 USB 2.0 ports and audio. Designed for full data access for the fastest Windows Vista experience, it features new disk controller technologies that ensure fast file access while providing encryption for data security. AMD SB600 is designed with advanced power management for low power consumption and energy efficient platforms.

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!
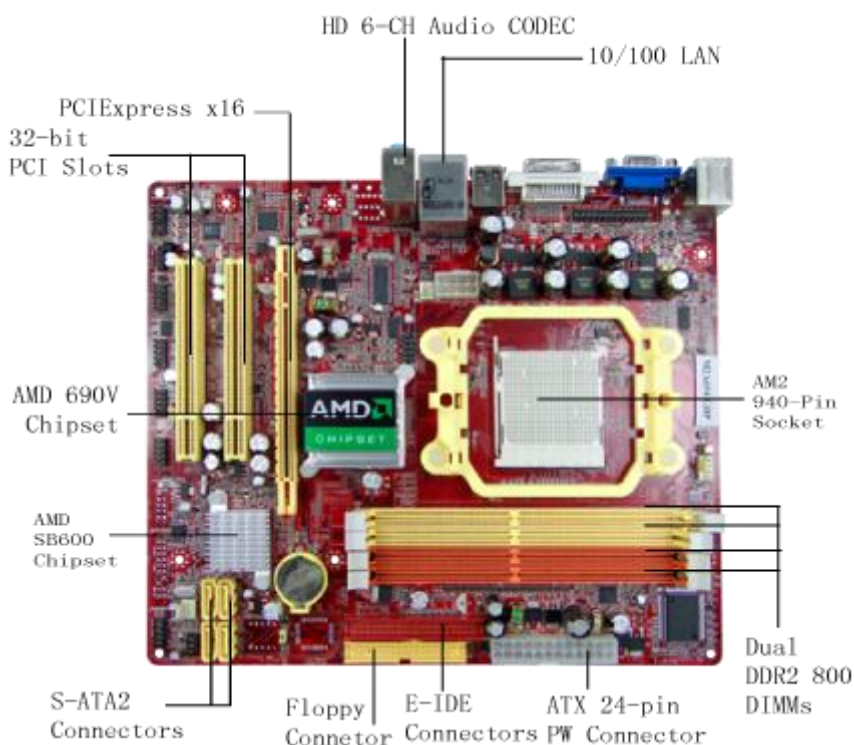
PCI Express Buses

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

CPU Vcore 7-Shift / Shift_to the scalabilities and flexibilities

The adjustable voltage for CPU Vcore can be upgraded in 13 stages for the precisely hardware dynamic over-clocking of demanding computing performance.

Rear I / O

HD 6-CH Audio CODEC
10/100 LAN
PCIExpress x16
32-bit PCI Slots
AMD 690V Chipset
AMD SB600 Chipset
S-ATA2 Connectors
Floppy Connetor
E-IDE Connectors
ATX 24-pin PW Connector
AM2 940-Pin Socket
Dual DDR2 800 DIMMs

JETWAY
Tech.On The Move

Mainboard Specifications

■ CPU	■	Socket AM2+ AMD Phenom™ Processor , Socket AM2 HTT 1000 MHz AMD® Athlon™64 With HyperTransport Technology
	■	Compatible with 64-bit Dual Core AMD® Athlon™64 X2 Processor
■ Chipset	■	AMD™ 690V Chipset + AMD™SB600 Chipset
■ Memory	■	4 * 240-pin DIMM Sockets for unbuffered Dual DDR2 800 SDRAM up to 8 GB
■ Expansion Slots	■	2 * 32-bit PCI Slots / 1 * PCI EXPRESS x16
■ Storage	■	2 * Ultra DMA 133 / 100 / 66 IDE Devices Support
	■	Embedded AMD™SB600 Southbridge Chipset Supports 4 Serial ATA2 HDDs with RAID 0, 1, 10 Functions.
■ Audio	■	Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	■	Realtek RT8101E PCI Express 10/100 NIC
■ USB	■	Embedded 8 * High Speed USB @ 480 Mbit / s
■ Special Features	■	Advanced Power Design that supports the latest Socket-AM2 K8 CPU
	■	"IMAGE IT!" System Backup Software and "ProMagicPLUS!" System Recovery System
■ Rear Panel I / O	■	4 * High Speed USB Connectors @ 480 Mbit / s
	■	1 * PS / 2 Mouse & 1 * PS/2 Keyboard
	■	1 * D-Sub 15-pin Connector
	■	1 * RJ45 Over USB2.0 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 8-pin ATX Power Connector and 1 * 24-pin ATX Power Connector
	■	1 * Serial Port of 9-pin Block
	■	1 * Parallel Port of 25-Pin Block
	■	CD / AUX Audio in
	■	1 * Floppy Connector
■ BIOS	■	Award 8 MB Flash ROM
■ Form Factor	■	Micro ATX Form Factor (244mm * 210 mm)