



Venom MSA2-6100V MATX Socket AM2

- **CPU Support:** Supports AMD Athlon 64 FX/Athlon 64 X2/Athlon 64/Sempron Processor, socket AM2
- **Bus Speed:** HTT 1000 MHz AMD® Athlon™64 With HyperTransport Technology up to 2G
- **Expansion Slots:** 2 x PCI, 1 x PCI-E x 1, 1 x PCI-E x 16(Compatible)
- **Max Memory:** 2 x DDR2 SDRAM DIMMs
- **Chipset:** NVIDIA MCP61V(Geforce 6100/nForce 400)

Additional Features: MATX Form factor, 16x PCI-E, Onboard 8 Channel 3D Audio, 10/100 LAN 4-USB2.0 + 4 Add ports, 2-SATA 2 RAID 0, RAID 1

Description

Want to build a great gaming system? Pick your opponents' poison – the Mach Speed Venom MSA2-16100V AM2 motherboard. Ready to put together a multimedia monster? Pick the Mach Speed Venom MSA2-6100V motherboard. Mach Speed, maker of the only motherboards with an available Lifetime Warranty*, has created a masterful mobo for AMD Sempron, Athlon 64, Athlon 64FX and Athlon 64 X2 CPUs up to 1GHz FSB with HyperTransport Technology.

The MSA2-16100V supports dual channel DDR2 memory up to 2GB, graphics integrated in MCP61V chipset with 250MB max shared video memory, SATA II, Fast Ethernet LAN, 8-channel audio, PCI Express X16 and X1 and plenty of expandability and upgrade options.

Based on the MCP61V (GeForce 6100-400) chipset, this Mach Speed MSA2-16100V motherboard offers you speed, performance, reliability and exceptional multimedia capability!

General Specifications

- **Processor:**
 - **Socket AM2**
Supports **AMD Athlon 64 FX/Athlon 64 X2/Athlon 64/Sempron Processor**
Support **AMD HyperTransport up to 2G**
Supports **AMD Cool'nQuiet Technology**
- **Chipset: NVIDIA MCP61V(Geforce 6100/nForce 400)**
- **Jumperless:**
 - **Supports Jumperless Function by BIOS SETUP-allows user to easily change the CPU Frequency Setting.**
- **Expansion Slot:**
 - **2 x PCI**
 - **1 x PCI-E x 1**
 - **1 x PCI-E x 16(Compatible)**
- **System Memory:**
 - **Maximum 2GB**
2 x DDR2 SDRAM DIMMs
Dual Channel DDR2 533/667/800
 - **PLEASE NOTE:**
 - **This motherboard DOES NOT support high density or ECC memory.**
 - **Use identical memory modules to use dual channel mode, and DO NOT use three individual sticks of memory as it may cause failures. Please use either 1 piece, 2 pieces, or 4 pieces. Refer to your manual for proper memory configurations for your motherboard.**
 - **Maximum memory speed may decrease when the following memory combination is used:**
 - **Each memory slot is installed with double-sided memory**
 - **Both DIMM1 and DIMM3 are installed with double-sided memory module (for motherboards with 4 DIMM sockets)**
 - **Due to resource usage by the South Bridge chipset, system memory may only detect up to 3.9 GB (not the full 4GB) when each DIMM is installed with a 1GB memory stick. To utilize a full 4GB of system memory, you will**

need to use 2x 2GB sticks of memory.

- **IDE/SATA :**
 - **Up to 2 EIDE devices**
Ultra DMA 33/66/100//133
 - **SATA 1/2 RAID 0/1**
- **Ethernet LAN**
 - **Realtek RTL8201CL PHY- Integrated 10/100 transceiver**
- **Onboard Audio:**
 - **Realtek ALC861 8-Channel HD Audio**
- **I/O:**
 - **1 x PS/2 Mouse, 1x PS/2 Keyboard port**
 - **1 x Serial Port**
 - **1 x VGA Port**
 - **8 x USB 2.0 Ports (4 x Rear USB 2.0 , 4 x Front USB 2.0)**
 - **6 x Audio Ports**
 - **1 x RJ-45 LAN Jack**
 - **1 x Floppy Connector**
 - **1 x IDE Connector (Ultra ATA-133 Device)**
 - **2 x SATA2 Connectors**
 - **1 x S/PDIF Out Connector**
 - **1 x CD-in Connector**
 - **1 x System Fan Connector**
 - **1 x CPU Fan Connector**
 - **1 x Front Audio Header**
 - **1 x Printer Port Header**
- **Onboard Video:**
 - **NVIDIA GeForce 6100 GPU**
- **Power Supply:**
 - **Supports 24-pin ATX power supply (ATX-PW)**
 - **Supports ATX 12V Power Supply**
- **Bios:**
 - **Award BIOS , Supports Green function, Plug and Play Function**
 - **4MB Flash ROM**
- **Dimensions:**
 - **uATX Form Factor: 20.8cm (W) x 24.4cm (L)**

Note: Click on the version number to download

Type	Version	Release Date	Description
Unified Driver Package	6.86	09/08/2006	Windows XP, Windows 2000
Unified Driver Package	15.00	02/05/07	Windows Vista 32 bit
Unified Driver Package	15.00	02/05/07	Windows Vista 64 bit
Integrated Graphics	91.47	09/14/2006	Windows XP, Windows 2000
Audio	1.79	10/08/07	Windows 2000, Windows XP/2003(32/64 bits)

Audio	1.79	10/08/07	Windows VISTA 32/64 bit
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Download Manual

**- MACH SPEED motherboards carry a one year warranty to the reseller. Only the end users who purchase MACH SPEED motherboards from the reseller may upgrade at no charge for a lifetime warranty by registering by mail within 30 days of purchase. This warranty is nontransferable*