ASUS A7V333 Updates

This insert updates the specifications for the *A7V333*. (*Revisions refer to pages 14, 15, 18, 31, 28, 67 and 87 of the manual.*)

~ ***Three (3)*** sockets are available for both 266MHz-PC2100 *or* 200MHz-PC1600 DDR DIMMs to form a memory size of *64MB to 3GB*. Only ***two (2)*** DIMMs will support 333MHz-PC2700; if more than two 333MHz DIMMs are installed, the system automatically reverts to a maximum speed of 266MHz.

2.5.2 Memory configurations (page 14, 15)

Install DIMMs in any of the following combinations.

DIMM Location	168-pin DIMM (SDR)	Total Memory
Socket 1 (Rows 0&1)	64MB, 128MB, 256MB, 512MB, 1GB	x1
Socket 2 (Rows 2&3)	64MB, 128MB, 256MB, 512MB, 1GB	x1
Socket 3 (Rows 4&5)	64MB, 128MB, 256MB, 512MB, 1GB	x1
Total system memory	**(Max. 3GB PC2100 / PC1600)** **(Max. 2GB PC2700)**	**=**

2.5.3 DDR333 DIMM Qualified Vendor List

The following table lists the PC2700 - DDR333 memory modules that have been tested and qualified for use with this motherboard.

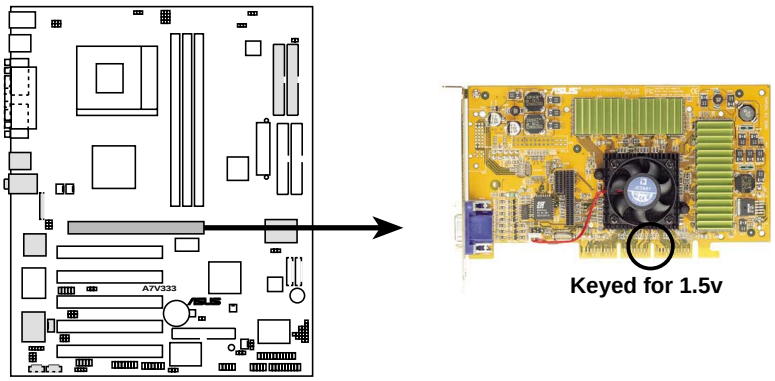
Vendor	Model	Type/Size
Nanya	NT5DS16M8AT-6	PC2700/256MB
Samsung	K4H280838D-TCB3	PC2700/128MB
Samsung	K4H280838D-TCB3	PC2700/256MB
Micron	MT8VDDT1664AG-335B1	PC2700/128MB
Micron	MT16VDDT3264AG-335B1	PC2700/256MB
KINGMAX	MPMA82D-68KX3	PC2700/128MB
KINGMAX	MPM62D-68KX3	PC2700/256MB

Use only the tested and qualified PC2700 - DDR333 DIMMs listed above. Other DDR DIMMs manufactured by other vendors may not be suitable for this motherboard. Visit the ASUS website for the latest qualified DDR module list.

ASUS A7V333 Updates

Because of local distribution and marketing issues, the A7V333 may adopt the AGP Pro slot or a universal AGP4X slot onboard:

2.6.4 AGP 4x slot (page 18)



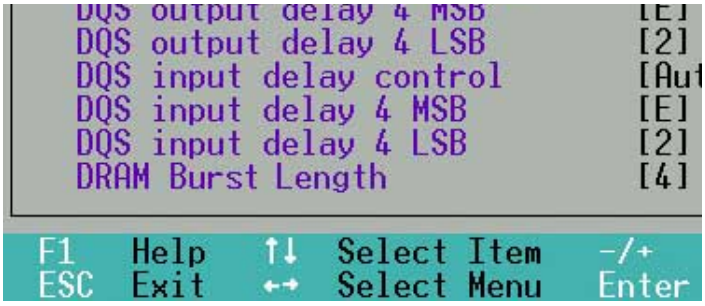
A7V333 Accelerated Graphics Port (AGP)

CAUTION! To avoid damaging your AGP/AGP 4x graphics card, the computer power supply should be unplugged before inserting the graphics card into the slot.

The description for the BIOS DRAM Burst Length field is updated to its correct form:

4.4.1 Chip Configuration (page 65-67)

DRAM Burst Length [4]



This item determines the maximum number of column locations for a given DRAM READ or WRITE command. The default setting is [4]. The other setting is [AUTO]. Setting [AUTO] will depend on the DRAM to set the burst length. Setting [4] always sets the burst length to 4. Configuration options: [Disabled] [Enabled] [Auto]

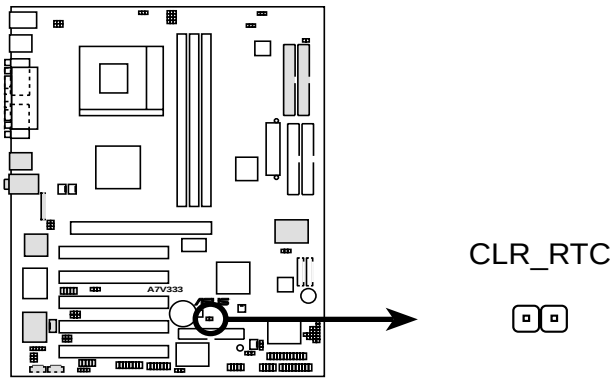
The description for clearing the RTC RAM memory is updated:

16) Clear RTC RAM (CLR_RTC) (page 28)

This jumper allows you to clear the Real Time Clock (RTC) RAM in CMOS. You can clear the CMOS memory of date, time, and system setup parameters by erasing the CMOS RTC RAM data. The RAM data in CMOS is powered by the onboard button cell battery.

To erase the RTC RAM:

1. Turn OFF the computer and unplug the power cord.
2. Remove the battery.
3. Short the jumper by replacing a jumper cap on the two pins.
4. Removing the cap after 3 seconds.
5. Re-install the battery.
6. Plug the power cord and turn ON the computer.
7. Hold down the <Del> key during the boot process and enter BIOS setup to re-enter data.



A7V333 Clear RTC RAM

ASUS A7V333 Updates

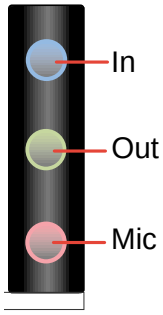
The reference on page 31 to the connector configuration for the C-media 6-Channel audio set-up is completed by the section below, which was left out of the manual:

5. Connector Configuration

The chart below displays the configurations for the line connectors on the yellow MIDI/Game/Audio connector port located on the back panel. The three female connectors are available for use in the 6-Channel audio system.

Connector Settings and Functions

	Headphone/ 2-Speaker	4-Speaker	6-Speaker
Light Blue	Line In	Rear Spkr Out	Rear Speaker Out
Lime	Line Out/ Front SpkrOut	Line Out/ Front Spkr Out	Line Out/ Front Spkr Out
Pink	Mic In	Mic In	Center Speaker Out, Sub-woofer



The heading on page 87 for the FastTrak133 BIOS is corrected below:

5.4.2 Enter FastTrak133 BIOS and FastBuild Utility

1. Boot-up your computer once more. If this is the first time you have booted with two hard disks correctly installed, then *MBFastTrak133™ "Lite"* BIOS scans the IDE drives and displays this screen:

For updated processor settings, visit the ASUS web site: *www.asus.com.tw*