

AST® Computer

# Addendum: Jumper Settings and System Setup

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This addendum replaces the “Jumper Settings” section in your user manual and describes the *On-board IDE Adapter* field, which is a new field in the computer’s System Setup program.

## Jumper Settings

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The user manual that came with your computer provides jumper settings for systems with a microprocessor speed of 66 MHz. Your system is a newer DX4 or 5x86 model that has different default jumper settings.

Tables 1 and 2 show you the default microprocessor jumper settings for the DX4 100 MHz and the 5x86 MHz microprocessors. Use the table that corresponds to your computer’s microprocessor.

*Table 1. AMD DX4 100 MHz Microprocessor Jumper Settings*

<b>Jumper</b>	<b>Setting</b>
JP6	1&2
JP10	1&2
JP17	1&2, 3&4, 5&6
JP18	5&6
JP19	Off
JP20	Off
JP21	Off
JP22	2&3
JP23	1&2
JP24	3&4
JP25	1&2
JP26	1&2, 3&4
JP27	Off
JP28	1&2, 3&4
JP29	2&3, 4&5
JP32	Off

*Table 2. AMD 5x86 133 MHz Microprocessor Jumper Settings*

<b>Jumper</b>	<b>Setting</b>
JP6	1&2
JP10	1&2
JP17	1&2, 3&4, 5&6
JP18	5&6
JP19	Off
JP20	Off
JP21	2&3
JP22	2&3
JP23	1&2
JP24	3&4
JP25	1&2
JP26	1&2, 3&4
JP27	Off
JP28	1&2, 3&4
JP29	2&3, 4&5
JP32	Off

Table 3 shows the default cache memory jumpers for 256k cache memory, or no cache memory installed.

*Table 3. Default Cache Memory Jumper Settings*

<b>Jumper</b>	<b>256K Cache</b>	<b>No Cache</b>
JP1	1&2	Off
JP2	Off	Off
JP3	Off	Off
JP7	Off	Off
JP8	Off	Off
JP9	On	Off

Table 4 shows the system board jumper settings.

*Table 4. System Board Jumper Settings*

<b>Jumper</b>	<b>Setting</b>	<b>Description</b>
JP4	System ROM Program Power Pin	
	Off	None required*
	1&2	+5 volt
	2&3	+12 volt
JP5	Integrated EIDE Controller	
	1&2, 3&4, 5&6	Enable EIDE controller*
	Off	Disable EIDE controller
JP11	Clear System Setup	
	Off	Normal operation*
	On	Clear System Setup settings
JP12	Integrated I/O controller	
	1&2	Enable integrated I/O controller*
	2&3	Disable integrated I/O controller
JP13 & 14	Parallel Port	
	1&2	ECP mode DRQ1/DACK1*
	2&3	ECP mode DRQ3/DACK3
JP15	Integrated Video	
	1&2	Enable integrated VGA*
	2&3	Disable integrated VGA
*Default		

## System Setup

Since your computer user's manual was printed, the *On-Board IDE Adapter* field has been added to the System Setup program. This field defines how the IDE controller on the system board recognizes hard drives and CD-ROM drives installed in your computer. A description of the field follows:

*On-board IDE Adapter:* Enables or disables the on-board IDE adapter. The options are *Both*, which allows both the hard drive and CD-ROM drive to be recognized, *Primary*, which allows only the hard drive to be recognized, and *Disabled*, which will disable both the hard drive and CD-ROM drive. The default setting is *Both*.

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