CA810E Desktop Board Processor Support

The CA810E desktop board supports a single Pentium® III processor with 100 MHz or 133 MHz system bus frequency, or a single Celeron™ processor with 66 Mhz or 100 Mhz system bus frequency. The processor's VID pins automatically program the voltage regulator on the desktop board to the required processor voltage. The system bus speed is automatically selected. The processor connects to the desktop board through the PGA370 socket.

Warning: Processors not specifically listed by type and rated speed may have requirements that are not supported by the desktop board's design. Use of unsupported processors may result in improper operation, damage to the desktop board or processor, or reduced product life.

Processor Family	Processor Speed	System Bus Frequency	Cache Size	BIOS Version	Notes
Intel® Pentium® III	1.0 GHz	133 MHz	256 KB	P08 or greater	The following board revisions (AA numbers) support these processors: A01986-309 or later A01988-309 or later A01991-309 or later A01993-309 or later See the board revision note, below, for an explanation.
	933 MHz	133 MHz	256 KB	P08 or greater	All board revisions support these processors
	866 MHz	133 MHz	256 KB	P04 or greater	
	850 MHz	100 MHz	256 KB	P04 or greater	
	800EB MHz	133 MHz	256 KB	P02 or greater	
	800 MHz	100 MHz	256 KB	P02 or greater	
	750 MHz	100 MHz	256 KB	P02 or greater	
	733 MHz	133 MHz	256 KB	P02 or greater	
	700 MHz	100 MHz	256 KB	P02 or greater	
	667 MHz	133 MHz	256 KB	P02 or greater	
	650 MHz	100 MHz	256 KB	P02 or greater	
	600EB MHz	133 MHz	256 KB	P02 or greater	
	600E MHz	100 MHz	256 KB	P02 or greater	
	550E MHz	100 MHz	256 KB	P02 or greater	
	533EB MHz	133 MHz	256 KB	P02 or greater	
	500E MHz	100 MHz	256 KB	P02 or greater	
Intel® Celeron™	900 MHz	100 MHz	128 KB	P05 or greater	
	850 MHz	100 MHz	128 KB	P05 or greater	
	800 MHz	100 MHz	128 KB	P05 or greater	

766 MHz	66 MHz	128 KB	P05 or greater
733 MHz	66 MHz	128 KB	P05 or greater
700 MHz	66 MHz	128 KB	P04 or greater
667 MHz	66 MHz	128 KB	P04 or greater
633 MHz	66 MHz	128 KB	P04 or greater
600 MHz	66 MHz	128 KB	P04 or greater
566 MHz	66 MHz	128 KB	P04 or greater
533 MHz	66 MHz	128 KB	P02 or greater
500 MHz	66 MHz	128 KB	P02 or greater
466 MHz	66 MHz	128 KB	P02 or greater
433 MHz	66 MHz	128 KB	P02 or greater
400 MHz	66 MHz	128 KB	P02 or greater
366 MHz	66 MHz	128 KB	P02 or greater

Use of unsupported processors may result in improper operation, damage to the desktop board or processor, or reduced product life. Except as provided in Intel's Terms and conditions of Sale for such products, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF THE INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

Board Revision note: A small bar-coded label, similar to the diagram shown below, can be found on the component side of the desktop board. The numbers following the letters "AA" can help identify the type and version of your desktop board. The AA contains a 6 digit main number, and a 3 digit dash number (the 3 numbers following the "-".

The statement "...or later" refers to the dash number of the AA (the three numbers following the "-"). If this number is greater than the number listed in the table, the board supports the associated processor(s).

If your 6 digit main number is not listed in the table, contact your system manufacturer for processor support information.

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