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Processors

Intel® Pentium® III Processor
Slot To Socket Adapter (SSAs)

Updated August 2000

Intel recommends motherboards that utilize the 370-pin socket for the boxed Intel® Pentium® III processor in the Flip Chip Pin Grid Array (FC-PGA) package. The motherboard must be validated specifically for the Pentium III processors. However, if you choose to utilize a "slot-to-socket adapter (SSA)", then select those designed explicitly by your motherboard manufacturer and validated specifically by the motherboard manufacturer for your motherboard and Pentium III processor in the FC-PGA package.

SSA AND MOTHERBOARD COMBINATIONS, WHICH CAUSE YOUR PROCESSOR TO OPERATE OUT OF SPECIFICATIONS, WILL VOID THE INTEL PROCESSOR LIMITED WARRANTY AND MAY DAMAGE THE PROCESSOR AND/OR MOTHERBOARD.

The use of SSAs on Intel® Desktop Boards equipped with the 242-contact slot connector is not recommended. Please check the Factory Notes Section of the Technical Center for updated information.

The following two lists of SSA and motherboard combinations depict levels of compliance and noncompliance with minimum functional and voltage requirements for the Pentium III processor in the FC-PGA package. (Specifically Signal Integrity of the AGTL+ lines and Voltage Levels of Vtt, Vcc, and VccCMOS.) These are not comprehensive lists and are not a substitute for complete validation testing.

CONTACT YOUR MOTHERBOARD MANUFACTURER TO ENSURE THEY HAVE TESTED AND VALIDATED COMPATIBILITY BETWEEN MOTHERBOARD, SSA, AND THE PENTIUM III PROCESSOR IN THE FC-PGA PACKAGE BEFORE USING ANY SSA/MOTHERBOARD CONFIGURATION. This information is for reference use by PC integrators only and is provided solely as a convenience.

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Table 1. Slot-to-Socket Adapters That Meet Minimum Functional and Voltage Requirements of the Pentium® III Processor in the FC-PGA Package

Brand	SSA name	242-contact slot connector motherboards based on Intel 440BX AGPset
Abit	SlotKET* (rev 0.82)	BE6-II BF6 BX6 2.0
Aopen	FC-PGA Converter Card	AX/MX64, MX64 Pro AX63/63 Pro AX6B/C, Pro, B Plus MX/NX 6B

Asus	S370-133 (rev 1.01)	P3B-F P2B-F P2B-B P2B
EPoX	EP-S1C (rev 1.2)	EP-BX6
Gigabyte	GA-6R7+ (rev 1.1)	GA-BX2000 GA-6BX
Iwill	Slocket III (rev 0.9)	BD100plus BS100
Magic Pro	MP-A8++ (rev 4.5)	MP-6DBX MP-686JBX MP-6ABX2
Micro-Star	MS-6905 Master (rev 2.0)	BXMaster MS-6163 Pro MS-6119
Soltek	SL-02A++ (rev 4.5) SL-02D (rev 4.5)	SL-67EB SL-67EB+

Table 2. Slot-to-Socket Adapters That DO NOT Meet Minimum Functional and Voltage Requirements of the Pentium® III Processor in the FC-PGA Package

Brand	SSA name	Comments
Gigabyte	GA-6R7 (rev 1.0)	New Version available see Table 1 above
Iwill	Slocket II (rev 0.9) (rev 1.0)	No longer shipping rev 0.9 New Version available see Table 1 above
Magic Pro	MP-A8+ (rev 4.0)	New Version available see Table 1 above
Micro-Star	MS-6905 (rev 1.0) Master (rev 1.1)	New Version available see Table 1 above
Soltek	SL-02A+ (rev 4.0)	New Version available see Table 1 above
2theMax	EP-S1C (rev 0.5)	
Azza	370 CPU Card (rev 3.2)	
Eagle	CM-1	
Fastfame	370SPC (rev 1.0)	
FIC	CK71 (rev M99A05)	
PC-Chips	FC-PGA Intel Pentium III processor CPU Card (rev 1.1)	
A-Win	Socket 370	
Soyo	SY-370	
Unknown	Super Slocket III	

CPU Card
(rev 1.0)

NOTE: Table 2 is a list of Slot-to-Socket Adapters (SSA) that have failed in tests of one or more of the following specifications: AGTL+ Signal Integrity, and/or Voltage Levels of Vcc, Vtt, and/or VccCMOS.

IMPORTANT: Verify the motherboard and SSA revision-level with the motherboard manufacturer to ensure they have tested for and validated compatibility with the Intel Pentium III processor for a specific revision. Contact the motherboard manufacturer for additional motherboards supporting the Intel Pentium III processor.

This applies to:

Intel® CA810 Motherboard	Intel® JN440BX Motherboard
Intel® Desktop Board CA810E	Intel® Pentium® III Processor
Intel® Desktop Board D810E2CA3	Intel® RC440BX Motherboard
	Intel® SE440BX Motherboard
Intel® Desktop Board D810E2CB	Intel® SE440BX-2 Motherboard
Intel® Desktop Board D815BN	
Intel® Desktop Board SU810	Intel® SR440BX Motherboard
Intel® Desktop Board VC820	

End of Interactive Support Announcement
These products are no longer being manufactured by Intel. Additionally, Intel no longer provides interactive support for these products via telephone or e-mail, nor will Intel provide any future software updates to support new operating systems or improve compatibility with third party devices and software products.

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