

Motherboards

This will cover the non-Intel revision V5-6000, if you have a Intel revision board I'd just be happy to have one!

Most Intel PII and PIII chipsets are safe as are the VIA KT-266 and KT-333 chipsets. See note below about checking individual boards before use! I'm trying to build a database of motherboards here to take the guesswork out as much as possible.

These are boards that I have personally tested with a 3700-A:

Name	Chipsets	Notes
Abit BX6, BH6	Intel BX	3.3V only, 1000 mhz+ support, Win98SE & 3dfx reference drivers.
Intel Seattle BX2	Intel BX	3.3V only, 550 mhz CPU max, Win98SE & 3dfx reference drivers
MSI-KT3 Ultra2 R	VIA KT-333	MINE DID NOT SUPPORT 3.3V!
EpoX 8K3A+	VIA KT-333/VT8233A	Barton 3000+ support, AGP voltage reporting on boot screen! Very fast and stable with excellent hardware monitoring. Win98SE & 3dfx reference drivers.

IMPORTANT NOTE ON CHIPSETS!!

Just because a particular motherboard has a chipset that supports the 3.3 AGP voltage the 3dfx boards require doesn't mean the motherboard automatically supports 3.3 volt cards! I have seen several KT-333 chipset motherboards that did NOT support 3.3v AGP cards, its up to the board maker to do so or not even if the chipset is capable. It's very import to follow up and check via the manufactures specs and with other V5-6000 owners! Running a 5000/5500/6000 on motherboard that doesn't properly support the board will fry it.

Here are a list of motherboards that have been sent in by readers, note that I have not tested these so can't say for sure. Please double check before proceeding!

Name	Chipsets	Notes
ABIT BE6-II REV 2.0	Intel BX	Celeron 1GHz Coppermine & 3700
ABIT KT7A	VIA KT133a	AMD system
ABIT SA7	SiS 645DX	Reported fine with 1 2600, but lock ups with 3700
ABIT KD7E	VIA KT333	AMD system
Albatron KX400+ Pro	VIA KT333	BIOS R106b, V6K 3500-A3
ASUS P2L97	Intel LX	P2/Celeron
ASUS P2B	Intel BX	P2/P3/Celeron
ASUS P3C-E	Intel i820	Pentium 3 system, rambus
ASUS P3B-F	Intel BX	Reported works well with a 2600 board, but there are multiple reports of no operation with 3700. One user noted that V6K & motherboard works with bios 1.006 but not 1.008
Chaintech CT-7VJL	VIA KT333	AMD system
EPOX 8K7A+	AMD 761	AMD system
EPOX 8K5A2	VIA KT333	AMD system
EPOX 8K5A2+	VIA KT333	Reported runs with Barton 3000+ &

		3700
EPOX 3VCA2+	VIA KT133a	AMD system
ECS K7S5A	SIS 735S	AMD Duron/T-bird 200/266 bus & V6K "3700"
ECS K7VTA3	VIA KT266-KT333	Caution- It's been noted that this part number has been made in several different revisions with different chipsets. Compatibility not certain depending of revision. 1.x tested ok with 3700
GIGABYTE 7VTXE	VIA KT266	AMD system
GIGABYTE 7VRX(P)	VIA KT333	AMD system
GIGABYTE GA-7DX	AMD 761	AMD system
INTEL D815EEA2	Intel 815E	Intel P3
Intel OR840	Intel 840	Pentium 3
IWILL KK266+	VIA KT266	AMD system
JETWAY VB266	VIA KT266	AMD system
MSI KT3-UltraARU	KT333	AMD system. V6K "3700"
MSI 7MS6561	SIS 745DX	AMD system
SOYO DRAGON ULTRA	VIA KT333	AMD system
Shuttle AK-35 GT2	VIA KT333	AMD system
TYAN DUAL XP S2466N TIGER MPX	AMD 760 MPX	AMD system dual CPU
QDI Kudoz 7	KT333	AMD system, V6K "3700"
All P4 Motherboards	All	No 3.3 Volt AGP support
ASUS TUV4X	VIA VT82C694T	MODEL REPORTED INCOMPATIBLE
ASUS CUBX-L	Intel BX	MODEL REPORTED INCOMPATIBLE
DFI SIS 645DX:	SIS 645DX	Lock ups with 3700
Intel using Intel 815EP	All	MODEL REPORTED INCOMPATIBLE
Intel GX Dual PIII 450MHz	Intel GX	No VGA on boot with 3700
MSI MAX REV.2	SIS 645DX:	Lock ups with 3700
QDI ADVANCE 10B	VIA VT82C694X Apollo PRO133A	Lock ups with 3700

Please note that it has also been reported that it makes a difference which revision of 6000 you have. Some 6000's have reportedly worked on a given motherboard while another revision might not, so compatibility may vary.

It's important to STRESS that you must NOT overclock the AGP/PCI bus as it is a sure fire way to piss off the HiNT chip and leave you with a DEAD V5-6000!!!! 66 mhz is what it was designed for and you should not exceed that at any time if you value your V6K.