

Solution Pak for the IBM 6x86 Microprocessor



x86 Enablement Team

Revision Summary: This version includes enablement support for the IBM 6x86 P200+ Microprocessor.



BIOS Support Summary for the IBM 6x86 Microprocessor

Solution Pak

BIOS Manufacturers:

- Company: AMI (*Core has support, have Mfg. call for customization*)
Chipsets : SIS (550X, 551X), VIA(570), Opti (Viper-M, Viper-N), UMC (8890), VLSI (Wildcat), Intel Triton, Neptune ISA, Neptune EISA, Mobile Triton, PicoPower (Vesuvius)
Contacts: US: Scott Magnes, Director of Sales (770-246-8600)
Asia: (886-2-715-3155)
Europe: (49-611-7901-200)
- Company: Award (*Core has support, have Mfg. call for customization*)
Chipsets : ALI (M1451, M1511), Opti(Viper M), UMC (8890), ACC(2057), SIS (550x), VIA (Apollo Plus), VLSI (Wildcat, Eagle)
Contacts: US: Ann SHen, VP Marketing and Sales (415-968-4433)
Asia: Robert Lee, Sales Manager 011-886-2555-0880
Europe: Axel Schafer, Sales Manager 011-49-89-575750
- Company: IBM SurePath (*Core has support, have Mfg. call for customization*)
Chipsets : ALI(M1601/1609, Genie, M1451), Opti (Viper-N), UMC (8890, 8890N), VLSI (Wildcat), others in process
Contacts: Dinah Mann, Sales Rep. (919-543-7929, fax 919-254-8760), E-Mail: DMANN@VNET.IBM.COM
- Company: MR BIOS (*Core has support, have Mfg. call for customization*)
Chipsets : Opti (Viiper M), Triton
Contacts: Jason Raza, Sales (508-686-6468)
- Company: Phoenix (*Core has support, have Mfg. call for customization*)
Chipsets : ALI (M1451, M1511), Opti(Viper M), UMC (8890, 890N), VIA (Apollo Plus) PicoPower (Vesuvius), ACC(2288), SIS (550x, 551x), VLSI (Wildcat, Eagle)
Contacts: US: Elizabeth Deans, Marketing Manager (714-440-8060)
Asia: (886-2-718-8956)
Europe: (44-1483 301444)
- Company: SystemSoft (*Core has support, have Mfg. call for customization*)
Chipsets : Support chipsets from Intel, VLSI, Opti, ACC, PicoPower, UMC, SIS, VIA
Contacts: US: Stephen J. Gentile, Product Marketing Manager (508-647-2848)

Chipset Support Summary for the IBM 6x86 Microprocessor

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Chipset Manufacturers:

Company: ALI
Product: M1451, M1511/Aladdin III
BIOS: Phoenix, Award,
Contacts: US: (408-764-0644)

Company: Opti Inc.
Product: Viper-M
BIOS: Phoenix, Award, AMI
Contacts: US: Don Clegg (408-486-8210)
Asia: (8862-325-8520)

Future Support for the 75/150MHz 6x86 Microprocessor

Company: SIS Corp.
Product: SIS 551x, 557x, 559x
BIOS: Phoenix, Award, AMI
Contact: US: Earl Porter, Sales Manager (408-774-4547)

Company: VIA Technologies
Product: Apollo Plus, Apollo Master, Apollo VP1
BIOS: Award, Phoenix, AMI
Contacts: US: (510-683-3327)
Asia: (886-2-218-5452)

Support for the 75/150MHz 6x86 Microprocessor

Company: VLSI
Product: Lynx
BIOS: Phoenix
Contacts: 602-752-8574

Support for the 75/150MHz IBM 6x86 Microprocessor

Company: UMC/ITE
Product: UM8890
BIOS: Phoenix, Award
Contacts: US: (408-980-8168)
Asia: (886-2-918-1589)

Chipset Support Summary for the IBM 6x86 Microprocessor

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Vendor	Chipset	CPU support	Linear Burst	PCI I/F	Package	Sample	Prod.	Comments
ALI	Aladdin III	IBM 6x86 processor	yes	sync	352 BGA+ 208	now	now	
OPTI	Viper-M	IBM 6x86 processor	yes	async	3 208s	now	now	
	Viper-Max	IBM 6x86 processor	yes	async	3 208s	now	now	Future support for the 75/150 MHz IBM 6x86 Microprocessor
PicoPower	Vesuvius	IBM 6x86 processor	yes	sync		now	Q4/96	
SIS	551x	IBM 6x86 processor	yes	async	3 208s	now	now	UMA using SIS 6205
	557x	IBM 6x86 processor	yes	async	480 BGA	now	Q4/96	
	559x	IBM 6x86 processor	yes	async	388 BGA+ 208	now	now	Integrated UMA/Non UMA, 2 chip solution (BGA + PQFP)
UMC	8890	IBM 6x86 processor	yes	async	3 208s	now	now	PCI/ISA
VIA	Apollo Master	IBM 6x86 processor	yes	sync	2 208s 2 100s	now	now	
	Apollo VP1	IBM 6x86 processor	yes	sync	2 208s 2 100s	now	now	Support for 75/150MHz IBM 6x86 Microprocessor
	Apollo VP2	IBM 6x86 processor	yes	sync	328 BGA	now	now	Support for 75/150MHz IBM 6x86 Microprocessor
VLSI	Lynx	IBM 6x86 processor	yes	async	352 BGA+ 208	now	now	Support for 75/150MHz IBM 6x86 Microprocessor

Motherboard Support Summary for the IBM 6x86 Microprocessor

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Motherboard Manufacturers:

Company: Amptron International, Inc.
Product: Multiple Boards
Chipset: Triton
BIOS: Award
Contacts: US: (818) 912-5789

Company: Tyan Computer Corporation-
Product: Titan III
Chipset: Triton
BIOS: Phoenix
Contacts: US: (408-956-8000)

Company: ASUSTek Computer Inc
Product: P55T2P4, XP55T2P4, P55TVP4,
AP55TV, (IBM 6x86 Rev 3.7 +)
Chipset: Triton
BIOS: Award
Contacts: US: (818 912-5789)

Company: Diamond Flower, Inc -**Support for the 75/150MHz IBM 6x86 Microprocessor**
Product: VPS
Chipset: VLSI Lynx
BIOS: Award
Contacts: US: (916-568-1234)
Asia: (886-2-694-5234)
Europe: (44-181-776-5555)

Company: ELITEGROUP Computer Systems, Inc. (ECS)
Product: TR5510P-AIO
Chipset: Intel Triton
BIOS: Award
Contacts: US: (510-226-7333)
Asia: (886-2896-5859)
Europe: (49-211-415070)

Company: First International Computer, Inc.
Product: PA-2002, PA-2006
Chipset: VIA Apollo VP-1
BIOS: Award
Contacts: US: (510-252-7777)
Asia: (886-2-717-4500)
Europe: (49-211-415070)

Company: Silicon Star International (ABIT)
Product: ABIT PH5
Chipset: SIS 551x
BIOS: Award
Contacts: US: (510-623-0500)
Asia: (886-2-698-1888)
Europe: (49-2102-40870)

Voltage Regulator Support Summary for the IBM 6x86 Microprocessor

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Voltage Regulator Manufacturers:

Company: Linear Technology
Product: LT1584
Current: 7.1A
Voltage: Variable
Contacts: (408-432-1900)

Company: Micrel Semiconductor
Product: MIC29752BWT
Current: 7.5A
Voltage: Variable
Contacts: (408-435-3415)

Company: Semtech Incorporated
Product: EZ108ACT
Current: 7.5A
Voltage: Variable
Contacts: Andrew Steward (805-498-2111 ext. 291)

Please note that these products are a small cross section of the products that these companies have to offer. Please contact the companies for a full listing of their available products.

Support Summary for the IBM 6x86 Microprocessor

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