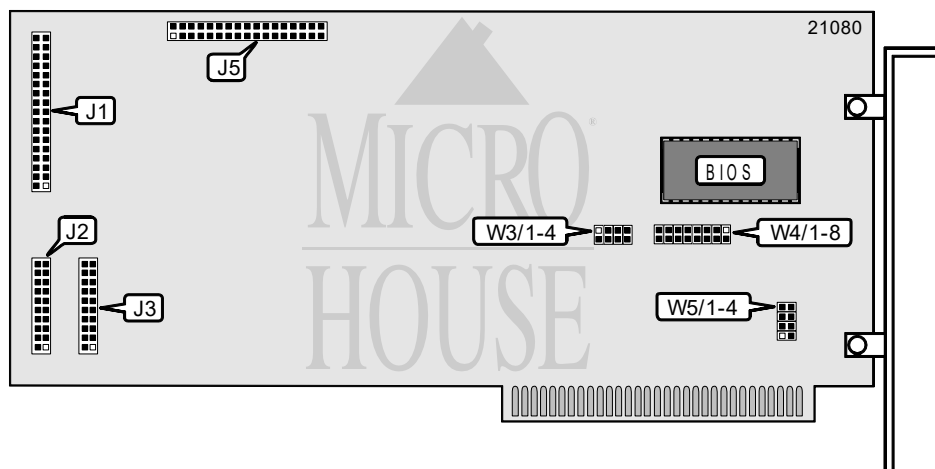


XEBEC AMERICA

1220 (ASSY. 104856)

Data Bus	8-bit ISA
Card Size	Half-length, full-height card
Hard Drives supported	Two ST-506/412(MFM) drives
Floppy drives supported	None



CONNECTIONS			
Function	Location	Function	Location
34-pin cable connector - hard drive	J1	20-pin data cable connector - drive 2	J3
20-pin data cable connector - drive 1	J2	34-pin cable connector - dual floppy	J4

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í BIOS ROM enabled	W4/8	Closed
BIOS ROM disabled	W4/8	Open

I/O ADDRESS SELECTION				
Setting	W3/1	W3/2	W3/3	W3/4
í 320h	Closed	Closed	Closed	Open

Note: For IBM use, the above setting must be used.

INSTRUCTIONAL NOTES
<p>Note: To install XEBEC 1220 on your system, access the Drive Type Table that corresponds to your on-board BIOS and select your drive type. Set drive type jumpers W5/1-W5/4 as indicated and use the ROM address to access the BIOS Address Selection Table. W4/1-W4/7 jumpers should be set according to this table.</p> <p>Note: Drives with IBM or Xebec formats use DOS FDISK.COM to set up partitions and DOS FORMAT.COM to initialize directories & create boot tracks. To format drives with no low level format, run IBM's adv. Diag. Program option 17 or a Menu Program accessible through DOS DEBUG.COM (available for BIOS types 104959 and 102168). If DEBUG.COM is selected, use drive type characteristics to select a ROM address from the tables. Set W4 to reflect this address and at the hyphen prompt, enter "-g= 'ROM address'"</p>

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DRIVE TYPE SELECTION FOR BIOS 104959/102168						
Manufacturer and Drive	Heads/Cyl/Sz/Servo/Split	ROM Addr	W5/1	W5/2	W5/3	W5/4
Fujitsu M2233as Mini MS1012 Mini MS2012 Mini MS3412 NEC 5124 Rodime RO202 Seagate ST412 Shugart SA612 Tandon TM252 Tandon TM502	4/306/10mb/NonEmb/-	C800:5 or CE00:5	Closed	Closed	Closed	Closed
Mini MS3212 Mini MS8212 Rodime RO201e Seagate ST212	2/612/10mb/NonEmb/-	C800:5	Open	Closed	Open	Closed
CDC 9415-5-25 CMI CM4326 CMI CM6426(s) Microsc. HM725 Miniscribe MS3425 Miniscribe MS8425 NEC 5126 NEC 3126 Rodime RO202e Seagate ST225 Seagate ST4026 Syquest SQ325f Tandon TM262 Tandon TM702at Tulin TL1226	4/612/20mb/Embed/-	C800:5	Closed	Open	Closed	Open
		CE00:5	Open	Closed	Open	Closed
NEC 5146 Rodime RO204e	8/612/40mb/Embed/-	C800:5	Open	Open	Open	Open
	8/612/40mb/Embed/1/4,3/4	CA00:5	Closed	Open	Closed	Open
	8/612/40mb/Embed/1/2,1/2	CA00:5	Open	Open	Open	Open
IBM XT 20 MEG Drive	8/206/20mb/Embed/None	CA00:5	Closed	Closed	Closed	Closed
Quantum Q540	8/512/40mb/Embed/None	CA00:5	Open	Closed	Open	Closed
CDC 94155-48	5/732/32mb/NonEmb/-	CC00:5	Closed	Closed	Closed	Closed
Seagate 4096	9/1024/80mb/NonEmb/-	CC00:5	Open	Open	Open	Open
Seagate 4051	5/977/42mb/Embed/-	CC00:5	Open	Closed	Open	Closed
Seagate 251	6/820/43mb/NonEmb/-	CC00:5	Closed	Open	Closed	Open
Note: W5/1 and W5/2 define the first hard drive. W5/3 and W5/4 define the second hard drive.						

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DRIVE TYPE SELECTION FOR BIOS 104959/102168						
Manufacturer and Drive	Heads/Cyl/Sz/Servo/Split	ROM Addr	W5/1	W5/2	W5/3	W5/4
Fujitsu M2233as Mini MS1012 Mini MS2012 Mini MS3412 NEC 5124 Rodime RO202 Seagate ST412 Shugart SA612 Tandon TM252 Tandon TM502	4/306/10mb/NonEmb/-	C800:5 or CE00:5	Closed	Closed	Closed	Closed
Syquest SQ312rd	2/612/10mb/Remov/-	CE00:5	Closed	Open	Closed	Open
DMA 360 Richo 5130	2/612/10mb/Remov/-	CE00:5	Open	Open	Open	Open
Note: W5/1 and W5/2 define the first hard drive. W5/3 and W5/4 define the second hard drive.						

DRIVE TYPE SELECTION FOR BIOS OTHER THAN 104959/102168								
BIOS Type	ROM Addr	Heads	Cyl	Size	W5/1	W5/2	W5/3	W5/4
104873-01	C8000	9	917	70mb	Closed	Closed	Closed	Closed
		4	306	10mb	Closed	Open	Closed	Open
		2	612	10mb	Open	Closed	Open	Closed
		4	612	20mb	Open	Open	Open	Open
106022	C8000	4	306	10mb	Closed	Closed	Closed	Closed
		8	481	33mb	Closed	Open	Closed	Open
		4	306	10mb	Open	Closed	Open	Closed
		2	612	10mb	Open	Open	Open	Open
106610	C8000	4	306	10mb	Closed	Closed	Closed	Closed
		4	612	20mb	Closed	Open	Closed	Open
		9	917	70mb	Open	Closed	Open	Closed
		2	612	10mb	Open	Open	Open	Open
Note: W5/1 and W5/2 define the first hard drive. W5/3 and W5/4 define the second hard drive.								

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BIOS ADDRESS SELECTION								
BIOS Type	ROM Address	W4/1	W4/2	W4/3	W4/4	W4/5	W4/6	W4/7
104959/ 102168	C800:5	Open	Open	Closed	Closed	Open	Closed	Closed
	CA00:5	Open	Open	Closed	Closed	Open	Closed	Open
	CC00:5	Open	Open	Closed	Closed	Open	Open	Closed
	CE00:5	Open	Open	Closed	Closed	Open	Open	Open
Other	C8000	Open	Open	Closed	Closed	Open	Closed	Closed
Note: The 'ROM Address' in this table must match the 'ROM Addr' selected in the Drive Type Selection Table.								

MISCELLANEOUS TECHNICAL NOTES
Note: Contact BIOS manufacturer for information on drive type supported by BIOS chips not listed in this document.
Note: The BIOS position on board may vary.