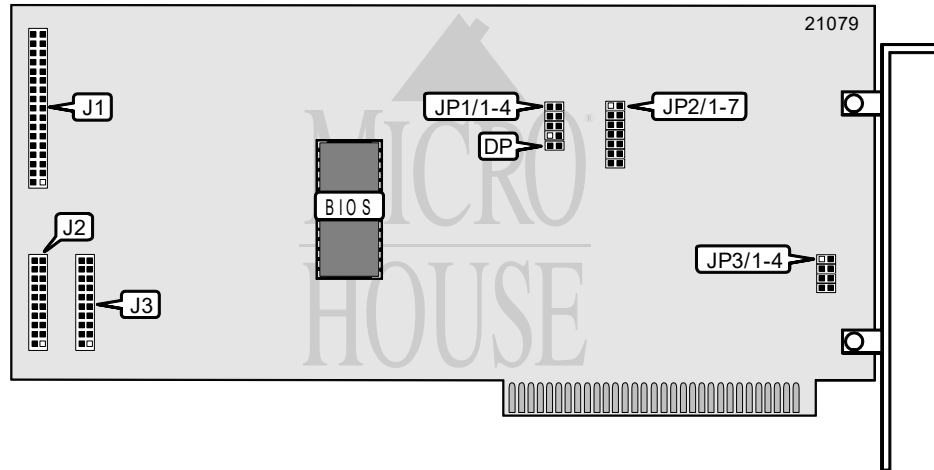# XEBEC AMERICA
1210A (ASSY. 104836), 1210B (ASSY. 104836)

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		

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í Factory configured - do not alter	DP	Closed

I/O ADDRESS SELECTION				
Setting	JP1/1	JP1/2	JP1/3	JP1/4
í 320h	Closed	Closed	Closed	Open
Note: For IBM use, the above setting must be used.				

INSTRUCTIONAL NOTES

Note: To install XEBEC 1210A on your system, access the Drive Type Table that corresponds to your on-board BIOS and select your drive type. Set drive type jumpers JP3/1-JP3/4 as indicated and use the ROM address to access the BIOS Address Selection Table. JP2/1-JP2/7 jumpers should be set according to this table.

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 JP2 to reflect this address and at the hyphen prompt, enter "-g= 'ROM address'"

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DRIVE TYPE SELECTION FOR BIOS 104959/102168							
Manufacturer and Drive	Heads/Cyl/Sz/Servo/Split	ROM Addr	JP3/1	JP3/2	JP3/3	JP3/4	
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	4/612/20mb/Embed/-	C800:5	Closed	Open	Closed	Open	
Rodime RO202e Seagate ST225 Seagate ST4026 Syquest SQ325f Tandon TM262 Tandon TM702at Tulin TL1226		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: JP3/1 and JP3/2 define the first hard drive. JP3/3 and JP3/4 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	JP3/1	JP3/2	JP3/3	JP3/4	
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: JP3/1 and JP3/2 define the first hard drive. JP3/3 and JP3/4 define the second hard drive.							

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DRIVE TYPE SELECTION FOR BIOS OTHER THAN 104959/102168					
BIOS	Heads/Cyl/Size	JP3/1	JP3/2	JP3/3	JP3/4
104830	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
104831	4/306/10mb	Closed	Closed	Closed	Closed
	4/612/20mb	Closed	Open	Closed	Open
	2/306/5mb	Open	Closed	Open	Closed
	2/612/10mb	Open-	Open	Open	Open
104873-01	9/ 917/70mb	Closed	Closed	Closed	Closed
	4/306/10mb	Closed	Closed	Closed	Closed
	2/ 612/10mb	Closed	Open	Closed	Open
	4/612/20mb	Open	Closed	Open	Closed
104869	4/ 306/10mb	Closed	Closed	Closed	Closed
	4/612/20mb	Closed	Open	Closed	Open
	4/612/20mb	Open	Closed	Open	Closed
	4/612/20mb	Open-	Open	Open	Open
104980	4/306/10mb	Closed	Closed	Closed	Closed
	2/306/5mb	Closed	Open	Closed	Open
	2/612/10mb	Open	Closed	Open	Closed
	2/612/10mb	Open-	Open	Open	Open
106022D2	4/640/22mb	Closed	Closed	Closed	Closed
	6/640/33mb	Closed	Open	Closed	Open
	4/306/10mb	Open	Closed	Open	Closed
	4/612/20mb	Open-	Open	Open	Open
106022e	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
106609	4/306/10mb	Closed	Closed	Closed	Closed
	4/612/20mb	Closed	Open	Closed	Open
	2/306/10mb	Open	Closed	Open	Closed
	2/612/10mb	Open-	Open	Open	Open
106611	4/306/10mb	Closed	Closed	Closed	Closed
	2/306/5mb	Closed	Open	Closed	Open
	2/612/10mb	Open	Closed	Open	Closed
	2/612/10mb	Open-	Open	Open	Open
106613	4/306/10mb	Closed	Closed	Closed	Closed
	8/471/33mb	Closed	Open	Closed	Open
	4/306/10mb	Open	Closed	Open	Closed
	2/612/10mb	Open-	Open	Open	Open

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BIOS ADDRESS SELECTION								
BIOS Type	ROM Address	JP2/1	JP2/2	JP2/3	JP2/4	JP2/5	JP2/6	JP2/7
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 NOTE
Contact manufacturer for information on drive type supported by BIOS chips not listed in this document.