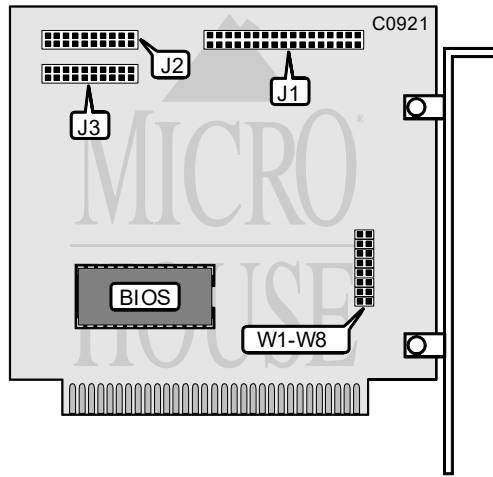# SCIENTIFIC MICRO SYSTEMS
OMTI 5520B

Q2/96

Data bus: 8-bit ISA
Size: Half-length, full-height card
Hard drive supported: Two MFM ST-506/412 drives
Floppy drives supported: None

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

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í BIOS controller enabled	W7	open
BIOS controller disabled	W7	closed
í BIOS controller address is C8000h	W8	open
BIOS controller address is CA000h	W8	closed

Continued on next page. . .

SCIENTIFIC MICRO SYSTEMS
OMTI5520B

HARD DISK TYPE SELECTION FOR DRIVES 0 AND 1							
Model	Cylinder Nbr.	Head Nbr.	WPC cyl.	W1	W2	W3	W4
CDC 9415-36	697	5	256	open	open	closed	closed
Cynthia 570	987	7	N/A	closed	open	closed	closed
DMA/Ricoh (10MB removeable)	612	2	400	closed	open	closed	open
Lapine 3522	306	4	128	open	open	open	open
Maxtor XT1140	918	15	N/A	closed	closed	closed	closed
Miniscribe 3012/3212	612	2	128	open	open	closed	open
Miniscribe 3425	612	4	128	open	closed	closed	closed
Microscience HH312	306	4	N/A	closed	closed	open	closed
Quantum Q540	512	8	256	open	closed	closed	open
Rodime 352	306	4	N/A	closed	closed	open	closed
Seagate ST212/412	306	4	128	open	open	open	open
Seagate ST213	612	2	256	closed	open	open	open
Seagate ST225	615	4	256	open	closed	open	open
Seagate ST4026	615	4	300	closed	closed	open	open
Seagate ST4038	733	5	300	closed	open	open	closed
Seagate ST4051	977	5	300	open	closed	open	closed
Vertex V170	987	7	N/A	closed	open	closed	closed

Note: Install jumpers W1 through W4 in a two-drive system, only when both drives are the same model
and that model is listed above. If drive model is not listed above, do not install jumpers W1 through W4.
WPC is Write Precompensation.

HARD DISK I/O ADDRESS SELECTION		
Address	W5	W6
í 320h	open	open
324h	closed	open
328h	open	closed
32Ch	closed	closed