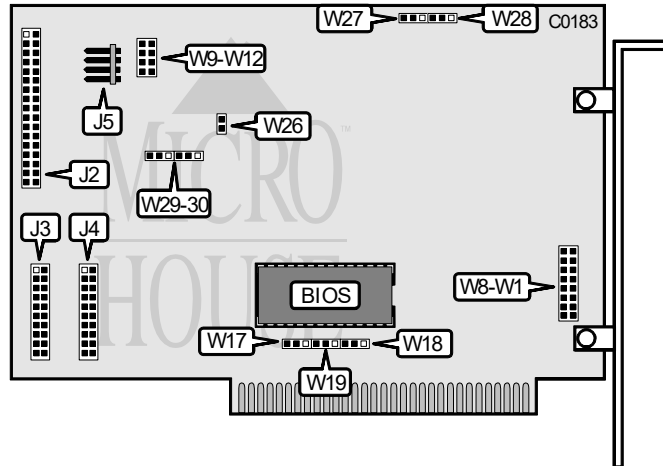


SCIENTIFIC MICRO SYSTEMS OMTI 5526, OMTI 5529

Data bus: 8-bit, ISA
 Size: Half-length, full-height card
 Hard drives supported: OMTI 5526: Two MFM ST506/ST412 drives
 OMTI 5529: Two RLL ST506/ST412 drives
 Floppy drives supported: None
 Maximum heads/cyl.: 16 heads and 2048 cylinders



CONNECTIONS	
Function	Location
34-pin control cable connector-hard drive	J1
20-pin data cable connector-drive 0	J2
20-pin data cable connector-drive 1	J3
4-pin drive power connector	J4

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SCIENTIFIC MICRO SYSTEMS

OMTI 5526, OMTI 5529

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	W9	N/A
í Factory configured - do not alter	W10	N/A
í Factory configured - do not alter	W11	N/A
í Factory configured - do not alter	W12	N/A
í Not documented	W17-19 & W26-30	N/A
í BIOS enabled	W7	open
BIOS disabled	W7	closed
í BIOS base address is C800h	W8	open
BIOS base address is CA00h	W8	closed
í Drive 0 soft sector	W11	open
Drive 0 hard sector	W11	closed
í Drive 1 soft sector	W14	open
Drive 1 hard sector	W14	closed

I/O PORT ADDRESS		
Address	Jumper W5	Jumper W6
í 320h	open	open
324h	closed	open
328h	open	closed
32Ch	closed	closed

MISCELLANEOUS TECHNICAL NOTES
W1 through W4 are used to configure the drive type. To support most of the drives on the market, there have been several different BIOS's offered. The different BIOS drive type tables are listed with the 5510; The jumper settings are the same for the 5526 and the 5526/9