

OMTI 5520A, OMTI 5527A Hard Disk/Floppy Controller Settings and Configuration

SCIENTIFIC MICRO SYSTEMS

OMTI 5520A, OMTI 5527A

Data bus: 8-bit, ISA

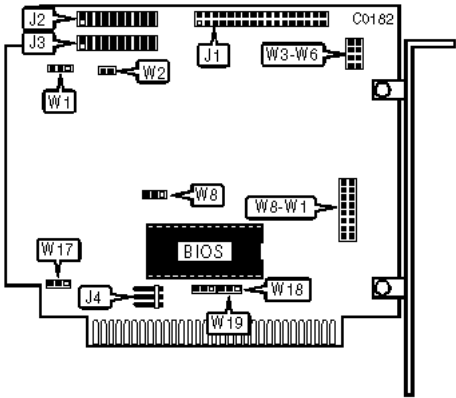
Size: Half-length, full-height card

Hard drives supported: OMTI 5520A:Two MFM ST506/ST412 drives

OMTI 5527A: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
6-pin DC power connector	J4

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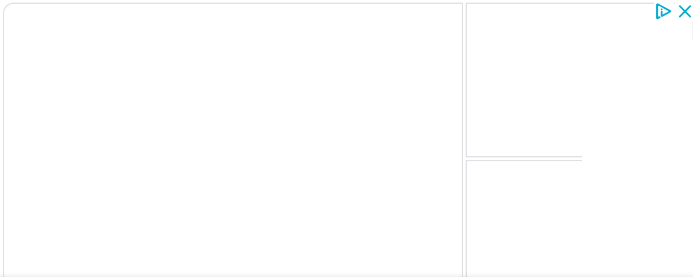
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Game on with Temu
Temu

USER CONFIGURABLE SETTINGS

	Function	Location	Setting
»	BIOS enabled	W7	open
	BIOS disabled	W7	closed
»	BIOS base address is C8000h	W8	open
	BIOS base address is CA000h	W8	closed
»	Factory configured - do not alter	W9	N/A
»	Factory configured - do not alter	W10	N/A
»	Factory configured - do not alter	W11	N/A
»	Drive 0 soft sector	W11	open
	Drive 0 hard sector	W11	closed
»	Factory configured - do not alter	W12	all
»	Drive 1 soft sector	W14	open
	Drive 1 hard sector	W14	closed
»	Not documented	W17 to 19	N/A



I/O PORT ADDRESS			
Address		Jumper W5	Jumper W6
»	320h	open	open
	324h	closed	open
	328h	open	closed
	32Ch	closed	closed
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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 5520A and the 5527A.

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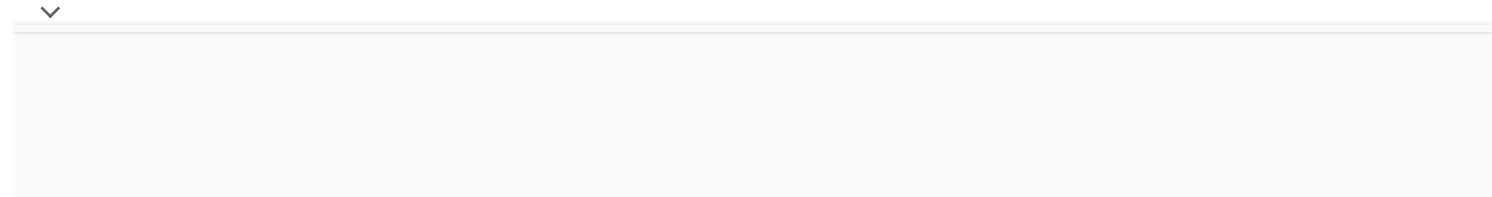
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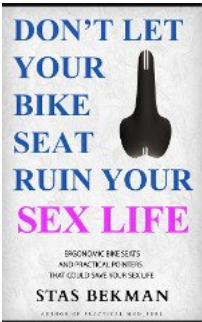
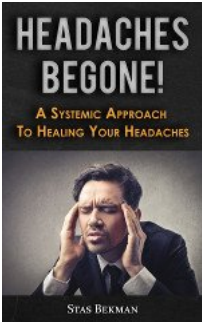
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