

SCIENTIFIC MICRO SYSTEMS

OMTI 8620, OMTI 8627

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Drive 1 set for fixed media drive	W4	open
Drive 1 set for removable media drive	W4	closed
í Drive 1 set for ST506 drive	W5	open
Drive 1 set for ESDI drive	W5	closed
í Drive 1 soft sector	W6	open
Drive 1 hard sector	W6	closed
í Drive 0 set for fixed media drive	W7	open
Drive 0 set for removable media drive	W7	closed
í Drive 0 set for ST506 drive	W8	open
Drive 0 set for ESDI drive	W8	closed
í Drive 0 soft sector	W9	open
Drive 0 hard sector	W9	closed
If the drive on CN3 is a ESDI drive this trace must be cut	W12	open
If the drive on CN4 is a ESDI drive this trace must be cut	W13	open
í Floppy drive port address is 3F0-3F7	W14	open
Floppy drive port address is 370-377	W14	closed
í BIOS base address is C8000h	W15	open
BIOS base address is CA000h	W15	closed
í BIOS enabled	W16	open
BIOS disabled	W16	closed
í Factory configured - do not alter	W20	N/A
í I/O speed set to high performance string mode	W21	open
I/O speed set to loop	W21	closed
í If BIOS is #1002661, then drive 0 parameters are set to 4 hds. and 612 cyl. If BIOS is #1002662, then drive 0 parameter are set to 4 hds. and 615 cyl.	W22	open
í Factory configured - do not alter	W22	closed
í If BIOS is #1002661, then drive 1 parameters are set to 4 hds. and 612 cyl. If BIOS is #1002662, then drive 1 parameter are set to 4 hds. and 615 cyl.	W23	open
í Factory configured - do not alter	W23	closed

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SECTOR CONFIGURATION				
Jumper W10	Jumper W11	BPS (ST506 only)	SPT- 8620	SPT- 8627
open	open	512	17	26
open	closed	512	17	26
closed	open	1024	18	26
closed	closed	1056	9	13

I/O PORT ADDRESS			
Address	Jumper W17	Jumper W18	Jumper W19
320h	open	open	open
324h	open	open	closed
328h	open	closed	open
32Ch	open	closed	closed
1A0h	closed	open	open
1A4h	closed	open	closed
1A8h	closed	closed	open
1ACh	closed	closed	closed

DRIVE TYPE CONFIGURATION - #1002579					
DRIVE 0			DRIVE 2		
W20	W21	W22	W23	Cyl.	Hds.
closed	closed	closed	closed	ESDI	ESDI
open	closed	open	closed	987	7
closed	open	closed	open	918	15
open	open	open	open	612	4

DRIVE TYPE CONFIGURATION - #1002578					
DRIVE 0			DRIVE 2		
W20	W21	W22	W23	Cyl.	Hds.
closed	closed	closed	closed	ESDI	ESDI
open	closed	open	closed	820	6
closed	open	closed	open	1024	9
open	open	open	open	615	4