Zenith Data Systems Z386SX Main Board Jumpers

J101 Video Card
 On* Colour Video Card
Off Monochrome Video Card

J102 Keylock
 On Bypass Keylock
Off* Keylock Enabled

J103 Coprocessor
 On Asynchronous Coprocessor Clock
Off* Synchronous Coprocessor Clock

J104 ISA Expansion Bus Clock
1-2 Expansion Bus Clock is the System Clock
2-3* Expansion Bus Clock is 8MHz

J105 Write Precompensation
Off* Write precompensation 125 nanoseconds
On   Write precompensation 187 nanoseconds

J106 Floppy Drive Controller Speed
On   Floppy Drive Speed is 250 / 500 kb/s
Off* Floppy Drive Speed is 250 / 300 / 500 kb/s

J107 IRQ12
On   Interrupt IRQ12
Off* No Auxiliary Interrupt

J108 Coprocessor Clock Speed
1-2* Coprocessor Clock is 32MHz
2-3 Coprocessor Clock derived from J111

J109 Cache Setting
 On* Cache SNOOPRDY connected to IOCHRDY
Off Cache SNOOPRDY not connected to IOCHRDY

J110 Diagnostic LED Setting
1-2* Diagnostic LEDs show Boot diagnostics
2-3 Diagnostic LEDs show ROM checkpoints

J111 CPU Clock Crystal at Y104 [CPU MHz*2]
1-2 CPU Clock is 32MHz
2-3* CPU Clock is 40MHz

J112 Floppy Drive Motor Speed
Off* 1 Speed motor on Floppy Drive
On   2 speed motor on Floppy Drive

J113 Floppy Drive Controller P109
Off Floppy Drive Controller Disabled
On* Floppy Drive Controller Enabled

J114 Hard Drive Controller P108
Off Hard Drive Controller Disabled
On* Hard Drive Controller Enabled

The following jumpers have been added to main board PN 240-7835-3x
(circuit board artwork #85-3797-01)

J301 Lock Pin Setting
On   Lock Pin Connected
*Off Lock Pin Not Connected

J302 ROM MFM-300 Monitor Mode
On   Monitor Mode Disabled

*Off Monitor Mode Enabled

J303 I/O Channel Ready Mode
1-2 I/O Channel Ready Extended
2-3* I/O Channel Ready Normal

* = Factory Setting
NB: J104 and J111 interact.
When J104 is at position 1-2, J111 should remain in position 2-3.
When J104 is at position 2-3, set J111 to position 1-2.

Zenith Data Systems Z386SX Main Board Switches

None

Power Connector

Type: Molex 03-06-1122
Electrically AT Compatible, Proprietary Connector