

USER'S MANUAL

A50 MAIN BOARD

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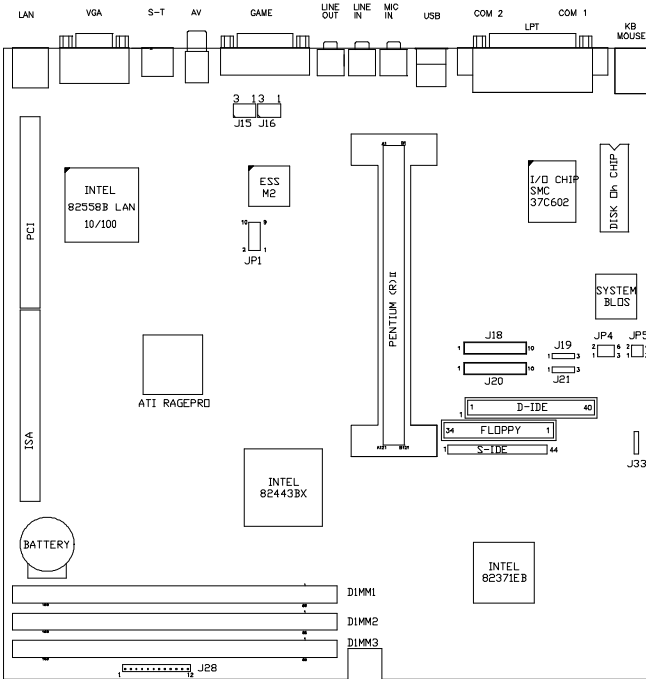
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This user's manual describes the jumper setting of A50 Main Board. For detailed technical information, please refer to CDs attached with PC system unit.

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1. Jumpers Location Diagram for "A50 V1.X " Pentium-II Main Board



2. Memory configuration

- **System Memory Configuration**

The 3000 series provides three 168-pin DIMM (Dual in-Line Memory Module) sockets to support maximum 768MB 100MHz SDRAM. Either 8MB, 16MB, 32MB, 64MB, 128MB, 256MB 3.3V DIMM can be installed on these three sockets.

A combination of different capacities is supported. Please note to use the same brand of SDRAM for the three SIMM socket.

3. Jumper Setting

● CPU type selection :

CPU	Freq.	Ratio	External Clock	JP1 9-10	JP1 7-8	JP1 5-6	JP1 3-4	JP1 1-2
Intel Pentium II	450MHz	4.5x	100MHz	Open	Close	Open	Close	Open
Intel Pentium C ^o	400MHz	4.0x	100MHz	Open	Close	Close	Close	Open
Intel Pentium C ^o	350MHz	3.5x	100MHz	Open	Close	Open	Open	Close
Intel Pentium C ^o	300MHz	3.0x	100MHz	Open	Close	Close	Open	Close
Intel Pentium C ^o	333MHz	5.0x	66MHz	Close	Close	Close	Open	Open
Intel Pentium C ^o	300MHz	4.5x	66MHz	Close	Close	Open	Close	Open
Intel Pentium C ^o	266MHz	4.0x	66MHz	Close	Close	Close	Close	Open
Intel Pentium C ^o	233MHz	3.5x	66MHz	Close	Close	Open	Open	Close
Intel Celeron	333MHz	5.0x	66MHz	Close	Close	Close	Open	Open
Intel Celeron	300MHz	4.5x	66MHz	Close	Close	Open	Close	Open
Intel Celeron	500MHz	5x	100MHz	Open	Close	Close	Open	Open
Intel Celeron	550MHz	5.5x	100MHz	Open	Close	Open	Open	Open

(Remark: All Intel CPU will auto detect jumper setting automatically)

● M-System Disk On Chip:

JP4	JP5	USER ADDRESS
1-2	1-2	0C800-0C9FF
1-2	3-4	0CC00-0CDFE
3-4	1-2	0D000-0D1FF
3-4	3-4	0D400-0D5FF
5-6	1-2	0D800-0D9FF
6-5	3-4	0DC00-0DDFF

● **CMOS Operation mode: J31**

Function	J31
CMOS Normal	2-3
CMOS Reset	1-2

● **ATX / AT power mode: JP7**

Function	JP7
Use FT-8012 as ATX power supply	3-5 , 4-6
Use FT-8012 as AT power supply	1-3 , 2-4

Note:

FT-8012 is ATX type power supply used for 3000 series
Booksize PC
