

DTK Computers

Technical Information Sheet for PKM2500

S=shorted, 0=open

DIP switch 1=on 0=off

Total 32bit memory SW1

<=MB	1	2
4	1	1
8	1	0
12	0	1
16	0	0

MotherBoard Total Memory SW1

3	Memory Bank 0	Bank 1
1	2MB	1MB 1MB
0	8MB	4MB 4MB

Video Selection SW1

4	Selection
1	Color
0	Monochrome

J1:Secondary Fan Power

<1>	+12V
<2>	Ground

J3:Turbo LED

<1>	+5V
<2>	Indicate pin

J2:Keyboard lock

<1>	Power LED
<2>	Not used
<3>	Ground
<4>	Keyboard inhibit
<5>	Ground

J4:Reset Switch

<1>	Hardware Reset
<2>	Ground

J5:Speaker connector

<1>	Speaker
<2>	N.C.
<3>	Ground
<4>	Vcc

J6:Turbo Switch Connector

1-2	S	10 Mhz
2-3	S	Keyboard Control
No Cap		25 MHz always

W1-W2:Cache Size

1-2	S	64K
2-3	S	256K

W3:Bios Size

1-2	S	64K (27256x2)
2-3	S	128K (27512x2)

W4:Bank 1 DRAM type

1-2	S	1mBIT
2-3	S	256kbit

W5:Bank 0 DRAM type

1-2	S	1Mbit
2-3	S	256kbit

W6:DMA Clock Select

1-2	S	3MHz
2-3	S	6MHz

J10:Power Connector

<1>	Power Good	<7>	Ground
<2>	+5VDC	<8>	Ground
<3>	+12VDC	<9>	-5VDC
<4>	-12VDC	<10>	+5VDC
<5>	Ground	<11>	+5VDC
<6>	Ground	<12>	+5VDC

RAM Installation

RAM SIZE	DRAM Type	Bank 0	Bank 1
1MB	256kbitx9 SIMMx4		none
2MB	256kbitx9 SIMMx4		256kbitx9 SIMMx4
4MB	1Mbitx9 SIMMx4		none
8MB	1Mbitx9 SIMMx4		1Mbitx9 SIMMx4