

## DTK Computers

### Technical Information Sheet for PKM3330Y

S=shorted, 0=open

DIP switch 1=on 0=off

#### J1:Reset Switch

0 Normal operation  
S Reset

#### J2:Turbo Switch Connector

1-2 S 10 Mhz  
2-3 S Keyboard Control  
No Cap 33 MHz always

#### J3:Speaker connector

<1> Speaker

<2> Not used

<3> Ground

<4> Vcc

#### J4:Turbo LED

<1> +5V

<2> Indicate pin

#### J5:Keyboard lock

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

#### J6-J8:Cache RAM Size

1-2 S 64k (8Kx8 x 9 25ns)  
2-3 S 256k (32kx8 x 9 25ns)

#### J9:Cache write wait state

0 One wait state on write hit  
S Zero wait states on write hit

#### J10-J12:CPU Select

CPU	J10	J11	J12
80486DX	S	1-2	1-2
80486SX	0	2-3	0
80487SX	S	1-2	2-3

#### J13:Display Select

1-2 S Monochrome  
2-3 S Color

#### J14:CPU Speed

1-2 S 33MHz  
2-3 S 16/20/25 MHz CPU

#### J15:Power Connector

<1> Power Good  
<2> +5VDC  
<3> +12VDC  
<4> -12VDC  
<5> Ground  
<6> Ground

<7> Ground  
<8> Ground  
<9> -5VDC  
<10> +5VDC  
<11> +5VDC  
<12> +5VDC

## RAM Installation

### RAM DRAM Type

SIZE	Bank 0	Bank 1
1MB	256x9 SIMMx4	none
2MB	256x9 SIMMx4	256x9 SIMMx4
4MB	1Mbitx9 SIMMx4	none
5MB	256x9 SIMMx4	1Mbitx9 SIMMx4
	1Mbitx9 SIMMx4	256x9 SIMMx4
8MB	1Mbitx9 SIMMx4	1Mbitx9 SIMMx4
16MB	4Mbitx9 SIMMx4	none

17MB	256x9 SIMMx4	4Mbitx9 SIMMx4
	4Mbitx9 SIMMx4	256x9 SIMMx4
20MB	1Mbitx9 SIMMx4	4Mbitx9 SIMMx4
	4Mbitx9 SIMMx4	1Mbitx9 SIMMx4
32MB	4Mbitx9 SIMMx4	4Mbitx9 SIMMx4