

DTK Computers

Technical Information Sheet for PEM-0036Y

S=shorted, 0=open

DIP switch 1=on 0=off

J1:Keyboard lock

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

J2:Turbo LED

- <1> +5V
- <2> Indicate Pin

J4:Reset Switch

- <1> Hardware Reset
- <2> Ground

J3:Speaker connector

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

J5:Turbo Switch Connector

- 1-2 S Normal Speed
- 2-3 S Keyboard Control
- No Cap Turbo always

J6:Video Selection

- 1-2 S Monochrome
- 2-3 S Color

Cache Size

Size	J10	J11	J12	J13	Data	Tag
64kb	1-2	1-2	1-2	1-2	8 8k x 8 bit	2 8k x 8 bit
128kb	Open	2-3	1-2	2-3	4 32k x 8 bit U1,U3,U8,U10	1 32k x 8 bit U6
256kb	2-3	2-3	2-3	2-3	8 32kb x 8 bit	2 32kb x 8 bit

J12: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

Size	Bank 0	Bank 1	Size	Bank 0	Bank 1
1MB	(256kbitx9)x4	none	16MB	(4Mbitx9)x4	none
2MB	(256kbitx9)x4	(256kbitx9)x4	17MB	(256kbitx9)x4	(4Mbitx9)x4
4MB	(1mbitx9)x4	none	17MB	(4Mbitx9)x4	(256kbitx9)x4
5MB	(256kbitx9)x4	(1mbitx9)x4	20MB	(1mbitx9)x4	(4Mbitx9)x4
5MB	(1mbitx9)x4	(256kbitx9)x4	20MB	(4Mbitx9)x4	(1mbitx9)x4
8MB	(1mbitx9)x4	(1mbitx9)x4	32MB	(4Mbitx9)x4	(4Mbitx9)x4