

DTK Computers

Technical Information Sheet for PTM1632C

S=shorted, 0=open

DIP switch 1=on 0=off

J1:Speaker

- <1> Data out
- <2> 5VDC
- <3> Ground
- <4> 5VDC

J2:Keyboard Lock

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

J3:Turbo LED

- <1> +5VDC
- <2> Indicate pin

J4:Hardware Reset

- <1> Ground
- <2> Reset

J6:Battery connector

- <1> 6VDC
- <2> Not used
- <3> Ground
- <4> Ground

J5:Hardware Turbo Switch

- <1> Select pin
- <2> Ground

J8:Power Connector

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

RAM installation JP1 to JP6

- 1-2 S 1/2 banks
- 2-3 S 3/4 banks

JP7:Battery selection

- 1-2 S External
- 2-3 S Internal

JP8:Display installation

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

JP9:Power Circuit

- 1-2 S Power Fail Detect
- 2-3 S External Power Good

Total Memory	DRAM type Bank 0	Bank 1	Bank 2	Bank 3
512k	44246x4 & 41256x2 256Kbitx9x2	none	none	none
640k	44246x4 & 41256x2 256Kbitx9x2	64Kbitx9x2	none	none
1MB	44246x4 & 41256x2 256Kbitx9x2	44246x4 & 41256x2 256Kbitx9x2	none	none
1.5MB	44246x4 & 41256x2	44246x4 & 41256x2	256Kbitx9x2	none
2MB	44246x4 & 41256x2 1Mbitx9x2	44246x4 & 41256x2 none	256Kbitx9x2 none	256Kbitx9x2 none
3MB	44246x4 & 41256x2	44246x4 & 41256x2	1Mbitx9x2	none

4MB	1Mbitx9x2	1Mbitx9x2	none	none
5MB	44246x4 & 41256x2	44246x4 & 41256x2	1Mbitx9x2	1Mbitx9x2