MAINBOARD PRODUCT LIST

Tcommate P4VB Specification

1.CPU

Supports Intel Pentium 4 CPU with 400/533Mhz FSB frequency

Supports 478 FCPGA2 pin-package P4

2.Chipset

S3 VIA P4M266A & VIA 8233A

3.Main Memory:

2x184 pin DDR DIMM to support up to 2.0GB DDR DRAM

4.Slots:

1 AGP (2X/4X mode), 2 PCI slots

5.IDE:

Support two IDE channels & up to four IDE drivers

Support PIO Mode 4 transfer up to 14MB/s

Support “Ultra DMA 33/66/100/133” transfers up to 33/66/100/133MB/s

Support multi-word DMA Mode 2 transfer

6.USB:

Support 2 USB ports

7.Audio:

Integrated PCI C-media 6 Channel 3D Audio

8.LAN:

Integrated RTL 10/100 Mbps LAN

9.VGA:

VIA S3 Savage 8 3D SVGA with 64MB VRAM

10.I/O:

1 FDD Connector

1 Printer Port

2 Serial Ports

1 SIR Connectors (Cable Option)

1 AT Keyboard Connector

1 PS/2 Mouse Connector

2 USB Ports Support 12MB/s (High Speed) 1.5MB/s (Low Speed) Transfer Rate

(Cable Option)

11.Power management:

ACPI & APM

Ring Remote wake up

RTC alarm

Software shutdown

Auto fan on & off

Power button

Wake on LAN ready

Keyboard power on

12.Award flash BIOS

Support ACPI function

Support NCR SCSI BIOS

Support Green & Soft-off function

Support LS120 Boot Up

Support Multiple Boot Up

13.Form factor:

Baby-AT form factor

14.Board Size:

22 x 22 cm^2

15.Other functions:

Auto detect CPU core Voltage

Auto Run detect M/B type and software driver utility

Support advanced dual phase PWM controller to provide CPU core voltage

Auto disabled clocks not used to reduce EMI

Support CPU & System temperatures, system voltages & fan speeds monitoring