TDVIA-LR /TDVIA-L

Dual Tualation with DDR Ultra Perofrmance

VIA Pro 266T (VT8633T and VT8233C) chipset

Dual PIII FC-PGA2 Socket370 solution with 133Mhz FSB

PC2100/1600 DDR memory with ECC support and memory space up to 4 GB

Support AGP 4X modes

Onboard IDE and RAID with Ultra DMA 100/66/33 Support

IDE RAID with RAID leve 0, 1 and 10 support (PROMISE PDC20267)

3COM 10/100 Base-T LAN onboard

Support Hardware Monitor

Rioworks™ SmartWatch™ Server Management

TDVIA,a dual socket370 motherboard. **Support dual Pentium III Tualatin (FC-PGA2) and four DDR memory sockets for providing the powerful platform to satisfy today's needs on highly integrated workstation or sub-entry server. With the latest AGP slot, users can enjoy the most advanced/ high-end graphic cards with ease. Unlike the software-based RAID, IDE RAID chip onbard will boost up the data transfer rate (RAID level 0), protect the disk data by replicating (RAID level 1) and combine the advantages of RAID 0 and RAID 1 by configuring to RAID 10 without CPU straining. Furthermore, the most up-to-date technology of ATA/100 will also enhance the data transfer rate up to 100MB/s. To sum up, TDVIA deliver high performance and true workstation/ server functionality at affordable price range.**

Features / Benefits

Dual Pentium III

TDVIA supports dual Pentium III FC-PGA2 Tualatin processors at 133 MHz Front Side Bus(FSB)

DDR Memory Solution

These four DIMM slots bring the customer best investment interest with the latest DDR (Double Data Rate) technology. TDVIA can support high performance PC2100/1600 DDR memory and maximum of 4GB memory size to maximize the system performance.

AGP Slot

TDVIA provides an AGP connector, which supports advanced 3D graphic cards and satisfies the demands of the latest graphic markets.

IDE RAID with ATA/100 Compatible (TDVIA-LR)

The Promise's IDE RAID controller supports IDE transfer rate up to 100 MB/s per channel and RAID level 0 (Striping), 1 (Mirroring) and RAID 10 (Striping+Mirroring). The hardware RAID controller will not perform the RAID functions at the cost of sharing CPU bandwidth comparing to software RAID, and be capable of booting from RAID Configured Array. It has two channels and can connect up to four HDs.

PC'99 Compliant Color-Coding I/O Connectors

The colored Keyboard (PS/2)/ Mouse (PS/2)/Serial/ Parallel/USB connectors will make your system installation and maintenance with less fuss.

Hardware Monitor and System Management

Integrated hardware monitoring of fans, temperature/ thermal, voltage and chassis intrusion, Rioworks™ SmartWatch™ will notify the critical status of system event to prevent form the system data loss.

Specification

Processor
Dual socket 370 solution
Dual Intel Pentium III Tualatin at 133Mhz FSB
Integrated VRM complies to spec 8.5

Chipset
VIA Pro266T Chipset (VT8633T & VT8233C)

System BIOS
Award BIOS on 2Mb flash
I2O, Suspend
Legacy USB support
MP 1.1 & 1.4 compliant
SMBIOS 2.3 compliant
DMI 2.0 compliant
Wire for Management 2.0/Wake On LAN
APM 1.2/ACPI 1.0
LS-120, Iomega ZIP support
MO, DVD, and CD-ROM support
Advanced IDE (supports bigger than 8GB HDD with S.M.A.R.T) features
Soft Power-down
Secure Boot
Multiple boot support
Y2K compliant/PC99 compliant

System/IO-bus
133 MHz FSB
AGP 4X Slot
133/100MHz system memory bus
Ultra DMA 100/66/33 EIDE

System Memory
Four DIMM slots up to 4GB PC2100 DDR system memory with ECC function

Onboard IDE RAID (TDVIA-LR)
Two channels and up to four hard drives
ATA/100 Compatible
RAID Level 0,1 and 10

Onboard LAN
3COM 10/100 Base-T Ethernet integrated

Onboard Multi I/O
Two 9-Pin serial ports with UART
One parallel port with ECP/EPP Support
Dual onboard USB external connectors plus four internal USB headers
PS/2 Keyboard and mouse connectors with wake-up function
One LAN port

Expansion Slots
5x PCI, 1x AGP

Board Size
ATX form factor with size: 30.5x24.4cm(12 " x10.5")

The specification is subject to change without notice.
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