



Server Solutions

Tomcat i7210

S5112G2NR



1U entry-server platform based on the Intel® Pentium™ 4 processor

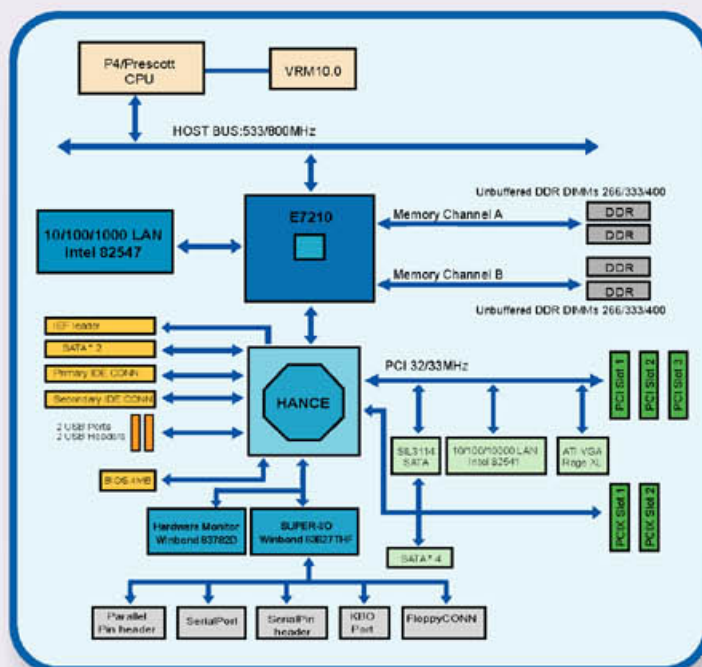
- Supports one Intel® Pentium™ 4 processor at 800MHz FSB
- SATA RAID 0, 1, 10 to support for up to six drives
- Two Gigabit LANs
- Supports up to 4GB Unbuffered DDR 400 memory
- Supports IPMI 1.5 remote management
- ATX Form Factor (12" x 9.6", 305mm x 244mm)

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Block Diagram



S P E C I F I C A T I O N S

Processors

- Single Intel® Pentium™ 4 "Northwood" or "Prescott" 800/533MHz FSB Processor
- Single Intel 478-pin Celeron Processor up to 2.8GHz
- Single ZIF PGA478 Socket
- Onboard VRM10

Chipset

- Intel® Canterwood ES (E7210) chipsets - E7210 (North Bridge)
- Hance Rapids (6300ESB, South Bridge)
- Winbond® W83627HF Super I/O chip

Expansion Slots

- Two PCI-X 66MHz slots
- Three 32bit/33MHz PCI 2.2 slots

Memory

- Dual/Single memory channel up to four DDR DIMM sockets
- Supports ECC or non-ECC memory
- Up to 4GB of Unbuffered PC3200/2700 DDR modules

Integrated PCI Graphics

- ATI® Rage™ XL PCI controller
- 8 MB Frame Buffer

Integrated PCI IDE (Hance Rapids)

- Up to two bus-master IDE channels
- Supports up to 4 ATA-100/66/33 IDE ATAPI compliant drives

Integrated SATA RAID (Hance Rapids)

- Two Hance Rapids integrated SATA ports up to 1.5 Gbit/s
- Supports SATA RAID 0,1

Integrated SATA RAID Controller

- Silicon Image SI3114 SATA controller
- Four 1.5Gbit/s SATA ports
- Supports SATA RAID 0, 1, 10

Integrated I/O Interface

- One floppy connector for up to two drives
- Two 9-pin UART serial support (one via an optional cable)
- One ECP/EPP/SPP parallel port header (via an optional cable)
- Four USB2.0 ports (2 front USB ports via an optional cable)
- PS/2 mouse & keyboard ports

Integrated LAN

- Up to two Gigabit onboard Ethernet LAN controllers
- Intel® 82547EI/GI CSA GbE NIC
- Intel® 82541EI/GI GbE NIC

System Management

- Supports Tyan M3289 SMDC via 2x25pin-header
- On board Analog Devices ADM1027 H/W Monitoring chip
- Total seven 3-pin fan headers with tachometer monitoring and five of them with PWM control
- Chassis intrusion header
- Temperature and voltage monitoring
- IPMB connector
- Watchdog timer

Tyan 1U/2U Riser Support

- Supports Tyan M2033, M2037, M2037R and M2053 1U riser cards
- Supports Tyan M2042, M2043, M2043X and M2044 2U riser cards

BIOS

- Award BIOS 8Mbit flash ROM
- Supports ACPI 1.0, PnP, DMI 2.0
- Auto configuration of IDE hard disk types
- User settings of hardware monitoring
- Multiple boot options
- Power Management: ACPI S1, S3, S4 and S5

Form Factor

- ATX 2.03 (12"x9.6")
- ATX 12V power connectors
- Optimized for 1U/2U rackmount or pedestal chassis
- Stacked Mouse/Keyboard Ports
- Stacked two USB ports
- One serial and one VGA ports
- Two side-by-side GbE RJ45 connectors

Regulatory

- FCC Class B (Declaration of Conformity)
- European Community CE (Declaration of Conformity)

TYAN COMPUTER CORP.

Tyan Computer USA
Tel: +1-510-651-8868
Fax: +1-510-651-7688

Tyan Computer Taiwan
Tel: +886-2-8751-2200
Fax: +886-2-8797-2767

Tyan Computer Germany
Tel: +49-8136-9395-30
Fax: +49-8136-9395-44

Tyan Computer UK
Tel: +44-1256-397030
Fax: +44-7836-6800-23

Tyan Computer China
Tel: +86-10-6255-5015
Fax: +86-10-6261-8204

Tyan Computer Japan
Tel: +81-3-3837-7580
Fax: +81-3-3837-7581