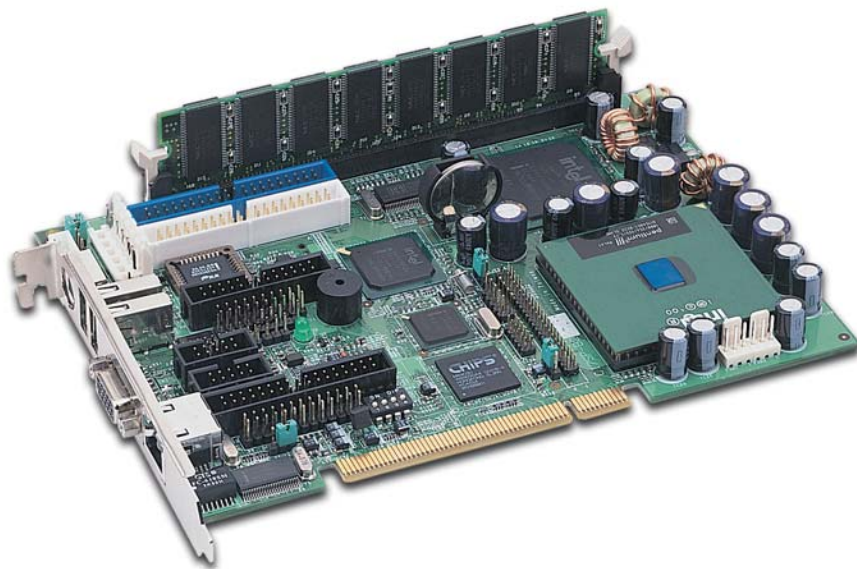


VIPer 650T

Pentium III Power



Compact

Powerfull

Connective

PCI only SBC

- ▶ Intel Pentium® III / Celeron up to 1.2 GHz
- ▶ Up to 512 MB SDRAM
- ▶ Dual 10/100 Base-T Ethernet
- ▶ Sound

Product Overview

High performance half-Sized SBC

The VIPer 650 offers a wide performance range from available CPUs and is easily adapted to customer applications. Using the Intel Pentium® III or Celeron processors - currently up to 1.2 GHz - enables the highest processing power combined with long-term availability.

The VIPer 650 offers a unique feature set based on the Intel® 815EP Chipset. With up to 512 MB memory, dual Ethernet, and AC97 sound, this embedded computer board (ECP) packs more useful features on a half-size form factor than most full-size ECBs!

With the integrated CT69030 AGP graphics chip, the VIPer 650 can support a wide range of displays.

CPU-CORE

- Intel Pentium® III / Celeron processor
- Intel® 815EP Chipset and ICH2

Memory

- One 168-pin latching DIMM socket, 64-bit
- Up to 512 MB SDRAM
- Compact Flash support

Bus Interface

- PCI Bus (33 MHz)

Flash Memory

- 4 MBit for BIOS field upgrade
- 4 Kbit Serial EEPROM for user configuration

I/O Ports

- Serial Ports: Two 16550 UART compatible ports:
First RS232; second RS232/RS422/RS485
- Parallel Port: One high-speed parallel port, SPP/EPP/ECP mode
- Floppy Disk: Support for two floppy drives
- EIDE: 4 EIDE drivers, support PIO Mode 4 or Ultra DMA 33/66/100
- Ethernet: ICH2 + 82562ET and Intel® 82559B 10/100 Mbit/sec Ethernet
- Audio: AC97 CODEC support Line-in/Line out/Mic function

VGA Interface

- Accelerated Graphics Port 64-bit CRT/Flat Panel C&T 69030 Chipset

Clock/Calendar

- Real-time clock with 256 byte battery backup CMOS RAM

BIOS

- Award BIOS in Boot Flash with emergency recovery code; save CMOS in Flash option

Supervisory

- 16-level programmable Watchdog timer

OS Compatibility

- MS-DOS; Windows® 98, 2000, Me, NT 4.0 and Linux. Others on request

Environmental

- Temperature: 0 ° to 60 °C

Mechanical

- 185 mm x 122 mm

Product	Description
Viper650T/C850	Viper-650 with 850 MHz Celeron Processor
Viper650T/850	Viper-650 with 850 MHz Pentium-III Processor
Viper650T/1260	Viper-650 with 1.26 GHz Pentium-III Processor

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