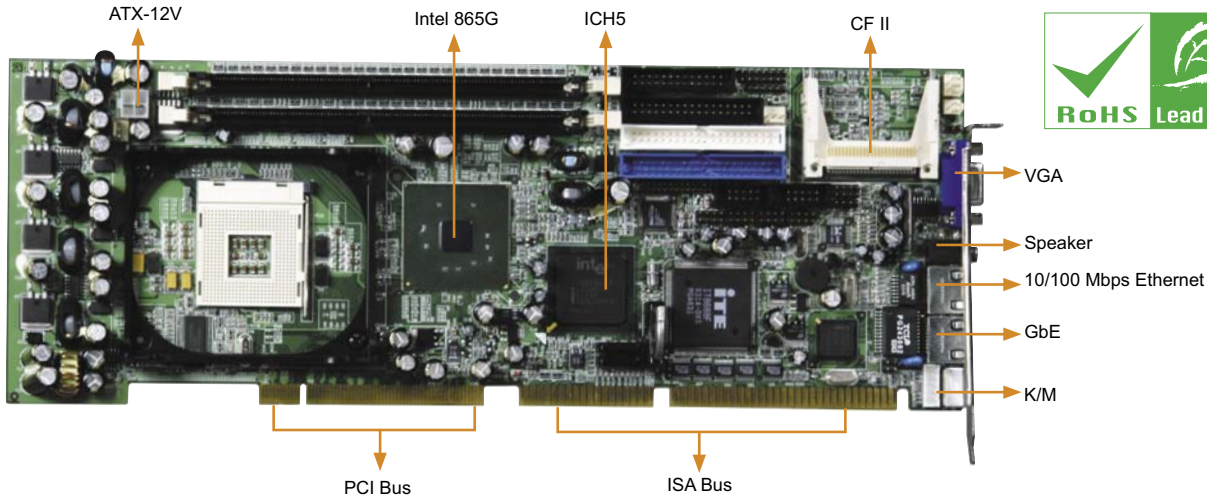


# VTC291144

PICMG Socket 478 800MHz FSB CPU Card with VGA, LAN, GbE, S-ATA, USB 2.0 & Audio

*Pentium 4 SBC for RoHS Solution Ready !!*

**Long Term Supports**



**FSB 800**

**DUAL DDR 400**



## Feature

- Intel P4 / Prescott / Celeron CPU supports upto FSB 800 MHz
- Intel Extreme Graphic II integrated graphic engine
- Dual channel DDR400 SDRAM memory support
- LAN, SATA, USB 2.0, Audio integrated
- Optional RAID function available

*Tech Talk*

## RoHS is Ready!!

On 27 January 2003, Europe Union approved "Restriction on Use of Hazardous Substance in Electrical and Electronic Equipment" or "RoHS" Directive before July 1, 2006. To compliant with RoHS, all new electrical & electronic equipments are restricted to use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6+), Polybrominated biphenyls (PBB), and Polybrominated diphenyl Ethers (PBDE).

Now not only for EU, RoHS compliance become a worldwide trend and has been strongly requested.

## Specifications

<b>CPU</b>	Socket-478 for Intel P4 / Prescott / Celeron with 533/800MHz FSB
<b>System chipset</b>	Intel® 865GV + ICH5 /ICH5R (VTC66105)
<b>System memory</b>	Dual channel DDR 333/400 SDRAM socket support up to 2GB
<b>Display</b>	Integrated in Intel® 865G/GV - Bus: AGP 4X/8X
<b>SSD</b>	1 x Compact Flash™ Type II socket
<b>Ethernet</b>	1st 10/100Mbps i82562ET Fast Ethernet controller (VTC8739) 2nd 82547 GbE controller (VTC8787/VTC66105/VTC291147)
<b>Audio</b>	AC'97 CODEC
<b>I/O</b>	- 2 x RS-232 serial port by pin header - 1 x LPT by pin header (supports SPP/EPP/ECP mode) - 8 x USB 2.0 by pin header - 1 x PS/2 for Keyboard/Mouse - 2 x IDE ATA-100 (40-pin header with 2.54mm pitch) - 1 x Floppy (34-pin with 2.54mm pitch) - 2 x Serial-ATA 150 (RAID function optional) - 1 x IrDA
<b>WDT</b>	Software programmable supports 1 ~ 255 sec, system reset
<b>Hardware Monitor</b>	CPU Vcore, Vcc, CPU/ System fan speed and temperature detecting function
<b>Power Consumption</b>	+12V@7.52A, -12V@500mA, +5V@6.98A (P4 3.0GHz FSB 800MHz; Dual channel DDR400 512MB SDRAM)
<b>Operation Temperature</b>	0~60°C
<b>Relative Humidity</b>	5~95%, non-condensing
<b>GW</b>	1.1kg

## Option

- **VTC1954** Dual port USB cable
- **VTC10478** High performance Skiving Pentium® 4 CPU cooler
- **VTC392934** High performance Copper Core Socket-478 Cooler for Prescott

## Ordering Information

- **VTC291145**  
PICMG Socket 478 800MHz FSB CPU Card with VGA, LAN, GbE, S-ATA, USB 2.0 & Audio
- **VTC66105**  
PICMG Socket 478 800MHz FSB CPU Card with VGA, LAN, GbE, S-ATA, USB 2.0, RAID & Audio
- **VTC291146**  
PICMG Socket 478 800MHz FSB CPU Card with VGA, LAN, S-ATA, USB 2.0 & Audio
- **VTC291147**  
PICMG Socket 478 800MHz FSB CPU Card with VGA, LAN, GbE, S-ATA, USB 2.0 & Audio, meet RoHS Version.

**Note:** For DVI / NIC Teaming capability function, please contact with supplier

Single Board Computer

PIAGP Series

PICMG

Half-Size

Industrial Motherboard

5.25" NOVA

EPIC NANO

3.5" WAFER

ETX

PC/104

Add-on Card

IVC Card

Backplane

LCD Product Series

Chassis

Power supply

Peripheral