



### Features :

- Complies with PICMG1.0
- Intel®Pentium®4/Pentium®D/Core™ 2 Duo processor, Hyper-Threading technology supported
- DDR II 400/533/667 DIMM Memory Up to 2 GB
- 1x 10/100/1000Mbps Ethernet
- AC'97 5.1 CH
- 4x SATA II /1xFDD/1x LPT/4x USB2.0/2xCOM



USB 2.0



Gigabit Ethernet



Serial ATA



One Key restore



BIOS Security

## Specifications

System	
Product Type	Full-size PICMG1.0
Processor	Supports Socket 775 Intel®Pentium®4/Pentium®D/Core™ 2 Duo processor With 533/800/1066MHz, Hyper-Threading technology supported
System Memory	2x 240-pin DIMM, DDR II 400/533/667 up to 2GB
Chipset	Intel®945GC+ICH7
I/O Chipset	ITE IT8712F
Ethernet	Realtek RTL8111B, 10/100/1000Mbps, RJ-45x1
BIOS	AMI 4M-bit Flash BIOS, Support ACPI
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltages, Fan Speed and Temperature Monitoring
Battery	Lithium battery
Power Requirement	AT/ATX
Board Size	13.3"×4.8"(338mm×122mm)
Operating Temperature	-32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	5% ~ 95% relative humidity, on-condensing
Display	Support VGA Display
Chipset	Intel®945G integrated Graphics( Intel®GMA 950)
Memory	Dynamic shares 224MB system memory as video memory
Resolutions	Up to 2048×1536@32bpp for CRT
I/O	
Storage	1x EIDE (UDMA 100), 4x SATA II, 1x Floppy Disk Drive
Serial Port	1x RS-232, 1x RS-232/422/485
Parallel Port	SPP/EPP/ECP mode
USB	4x USB2.0
Keyboard and Mouse	1x PS/2 Keyboard and Mouse connector, 1x PS/2 Keyboard connector, 1x PS/2 Mouse connector
Digital I/O	N/A
IrDA	1x IrDA Tx/Rx Header
Audio	Realtek ALC655, AC'97 5.1 CH

## Packing List

- **0040021019**  
Jumper
- **0560135019**  
IDE Cable
- **1660540020**  
FDD Cable
- **0600400019**  
Keyboard/Mouse Cable
- **0260560019**  
Serial port cable
- **0470120009**  
SATA Cable
- **0360250019**  
USB Cable with shielding
- **0260280019**  
Parallel Port Cable
- **0710350070**  
Audio Cable
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **SHB-890**

## Ordering Information

- **SHB-890-V10**  
Full Size CPU Card, PICMG1.0, AT/ATX, LGA775, Core 2 duo, DDR2 667/800MHz, VGA, Giga Lan, Audio, 2x COM, 4x USB, 4x SATA II, 1x IDE, 1x FDD, 1x LPT. Ver1.0
- **SHB-890-V10-1**  
Full Size CPU Card, PICMG1.0, AT/ATX, LGA775, Core 2 duo, DDR2 667/800MHz, VGA, Giga Lan, Audio, 2x COM, 4x USB, 4x SATA II, 1x IDE, 1x FDD, 1x LPT, Compact Flash. Ver1.0

## Optional Accessories

- **KM-220-0220110009**  
NORCO Industry Keyboard
- **PIK-220-1505000010**  
19" Industry Keyboard