



Features :

- Complies with PICMG1.0
- Onboard Intel®Atom N270, 533MHz FSB
- 2x DDR II 400/533MHz SO-DIMM Memory Up to 2GB
- Intel®945GSE integrated Graphic controller, support VGA, LVDS/DVI/TV-OUT output, support Dual Independent Display
- 2x 10/100/1000Mbps Ethernet
- 1x IDE/2x SATA II/1x Type II Compact Flash/1x LPT/8x USB2.0/6x COM



Fanless



Compact Flash



TV-OUT



DID



LVDS



USB 2.0



Gigabit Ethernet



Serial ATA



One Key restore



BIOS Security

Specifications

System	
Product Type	Full-size PICMG1.0
Processor	Onboard Intel®Atom N270 (1.6GHz frequency, L2 cache 512KB,533MHz FSB)
System Memory	200-Pin 2x SO-DIMM, DDR II 400/533MHz up to 2GB
Chipset	Intel®945GSE+ICH7M
I/O Chipset	Winbond W83627HF
Ethernet	Realtek8111C, 10/100/1000Mbps, 2x RJ-45
BIOS	8M-bit SPI Flash BIOS
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	+12V with backplane powered
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, non-condensing
Display	
Chipset	Intel®945GSE integrated Graphic Controller
Memory	Dynamic share 224M system memory
Resolutions	Up to 2048×1536@85Hz for CRT Up to 1600×1200 @60Hz for LCD
LCD Interface	1x LVDS, Support dual-channel 18-bit LVDS interface
DVI(optional)	2x 10Header, CH7307 via expand
TV-Out	2×3 Header, Support SDTV and HDTV
Dual- Display	VGA+LVDS(DVI), VGA+TV-OUT, LVDS(DVI)+TV-OUT Dual Independent Display supported
I/O	
Storage	1x IDE, 2x SATA II , 1x Type II Compact Flash
Serial Port	5x RS-232, 1x RS-232/422/485
Parallel Port	SPP/EPP/ECP mode
USB	8x USB2.0
Keyboard and Mouse	1x PS/2 Keyboard and Mouse port, 1×5-Pin Keyboard and 1×5-Pin Mouse
Digital I/O	N/A
IrDA	1x IrDA Tx/Rx Header
Audio	Realtek ALC888,Provide Line-in, Line-out, MIC-in and CD-in

Packing List

- **0040021019**
Jumper
- **0560135019**
IDE 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-770**

Ordering Information

- **SHB-770-V10**
Full Size CPU Card, PICMG1.0, Onboard Atom N270, DDR II 400/533MHz, VGA/LVDS/DVI/TV-OUT, Ethernet, Audio, 6x COM, 8x USB, 1x IDE, 2x SATA II , 1x LPT, 1x Compact Flash, Ver1.0

Optional Accessories

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