



BBS-4010

Compact PC with two Expansion slots, slim CD-ROM, 180W ATX P/S



Industrial Bare Bone

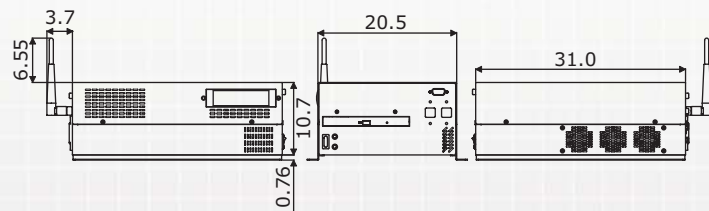
Compact PC



Features

- ◆ Compact PC design
- ◆ Built-in mainboard, 180W ATX P/S
- ◆ Provides Intel® Core™ Duo processor 1.66/2.0GHz or Intel® P-M processor 1.6/1.8GHz or Intel® C-M processor 1.5GHz or Intel® Core™ Duo T2050 processor, Wireless LAN module (optional)
- ◆ Standard PCI expansion slot x 2
- ◆ 2.5" HDD space x 1, slim CD-ROM space x 1, 2.5" removeable HDD or 3.5" HDD space x 1
- ◆ 4cm ball bearing cooling fan x 3
- ◆ BBS-4010-I provides CF, COM x 4, USB2.0 x 8, TV-Out, SPDIF
- ◆ BBS-4010-J provides COM x 2, USB2.0 x 6, Parallel
- ◆ BBS-4010-Q provides COM x 4, USB2.0 x 8, DVI display

Dimensions



Specifications

Mechanical & Environmental

- Thermal System**
4cm ball bearing cooling fan x 3
- Dimensions (LxHxW)**
31.0 x 10.7 x 20.5 cm
- Operation Temperature**
0~+45 degrees C
- Storage Temperature**
-20~+70 degrees C
- EMC**
FCC/CE
- Power Supply**
180W ATX power supply

BBS-4010-I

- System SBC Model**
HS-1745
- CPU**
Intel® Core™ Duo processor 1.66/2.0GHz (optional)
- BIOS**
AMI PnP Flash BIOS
- System Chipset**
Intel® 945GME/ICH7-M
- System Memory**
1 x 200-pin SO-DIMM socket up to 1GB DDR2 SDRAM
- Display Chipset**
Intel® 945GME
- Audio Chipset**
RealTek ALC202A
- Ethernet Chipset**
Dual Intel® 82573L 10/100/1000 Mbps LAN
Provides Wireless LAN module (optional)

- Drive Bay**
1 x 2.5" HDD space
1 x Slim CD-ROM space
1 x 2.5" removeable HDD or 3.5" HDD space

- Storage**
1 x Type II CF socket
- Watchdog Timer**
Software programmable time-out intervals from 1~255 sec.
- Expansion**
2 x Standard PCI expansion slot

Ordering Guide

- ◆ **BBS-4010-I**
Compact PC with HS-1745, 180W ATX P/S
- ◆ **BBS-4010-J**
Compact PC with HS-1746, 180W ATX P/S
- ◆ **BBS-4010-Q**
Compact PC with HS-1750, 180W ATX P/S

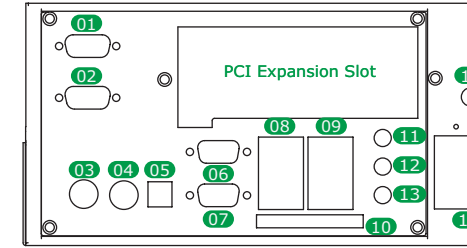
Accessory Options
CPU, Memory Module, CF Module, Wireless LAN Module, 2.5"/3.5" HDD, Slim CD-ROM, 2.5" Removeable HDD, Riser Card

I/O Interface

External I/O

COM x 4, PS/2 KB/MS, TV-Out, SPDIF, VGA, LAN x 2, USB2.0 x 8, CF, Line In, Line Out, MIC In

Rear I/O



- | | | |
|------------|----------------------|--------------|
| 01. COM 2 | 06. COM 1 | 11. Line In |
| 02. COM 3 | 07. VGA | 12. Line Out |
| 03. KB/MS | 08. LAN + USB2.0 * 2 | 13. MIC In |
| 04. TV-Out | 09. LAN + USB2.0 * 2 | 14. WLAN ANT |
| 05. SPDIF | 10. CF | 15. Power In |

BBS-4010-J

System

- SBC Model**
HS-1746
- CPU**
Intel® Pentium® M processor 1.6/1.8GHz or Intel® Celeron® M processor 1.5GHz (optional)
- BIOS**
Award PnP Flash BIOS
- System Chipset**
Intel® 855GME/ICH4
- System Memory**
1 x 184-pin DIMM socket up to 1GB DDR SDRAM
- Display Chipset**
Intel® 855GME
- Ethernet Chipset**
Dual Intel® 82541 10/100/1000 Mbps LAN
Provides Wireless LAN module (optional)

- Drive Bay**
1 x 2.5" HDD space
1 x Slim CD-ROM space
1 x 2.5" removeable HDD or 3.5" HDD space

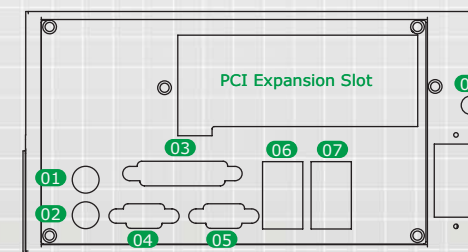
- Watchdog Timer**
Software programmable time-out intervals from 1~255 sec.
- Expansion**
2 x Standard PCI expansion slot

I/O Interface

External I/O

PS/2 MS, PS/2 KB, Parallel, COM x 2, VGA, LAN x 2, USB2.0 x 6

Rear I/O



- | | |
|--------------|----------------------|
| 01. MS | 06. LAN + USB2.0 * 2 |
| 02. KB | 07. LAN + USB2.0 * 2 |
| 03. Parallel | 08. WLAN ANT |
| 04. COM 1 | 09. Power In |
| 05. VGA | |

BBS-4010-Q

System

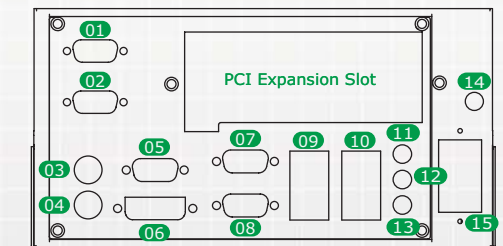
- SBC Model**
HS-1750
- CPU**
Intel® Core™ Duo T2050 processor (optional)
- BIOS**
Award BIOS with 4Mb Flash EEPROM
- System Chipset**
Intel® 945GME/ICH7-M
- System Memory**
2 x 200-pin SO-DIMM sockets up to 4GB DDR2 SDRAM
- Display Chipset**
CRT: Intel® 945GME
DVI: Chrontel CH7307
- Audio Chipset**
RealTek ALC655 5.1CH audio codec
- Ethernet Chipset**
Dual Marvell 88E8053 10/100/1000 Mbps LAN
Provides Wireless LAN module (optional)
- Drive Bay**
1 x 2.5" HDD space
1 x Slim CD-ROM space
1 x 2.5" removeable HDD or 3.5" HDD space
- Watchdog Timer**
Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
- Expansion**
2 x Standard PCI expansion slot

I/O Interface

External I/O

COM x 4, PS/2 KB, PS/2 MS, VGA, DVI, LAN x 2, USB2.0 x 8, Line In, Line Out, MIC In

Rear I/O



- | | | |
|-----------|----------------------|--------------|
| 01. COM 3 | 06. DVI | 11. Line In |
| 02. COM 4 | 07. COM 1 | 12. Line Out |
| 03. KB | 08. COM 2 | 13. MIC In |
| 04. MS | 09. LAN + USB2.0 * 2 | 14. WLAN ANT |
| 05. VGA | 10. LAN + USB2.0 * 2 | 15. Power In |