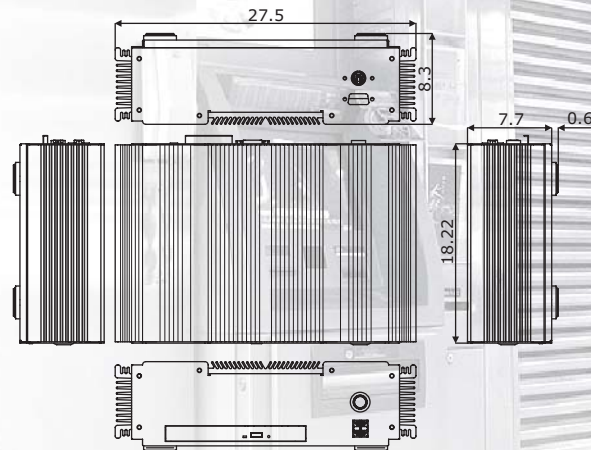


BBS-3001

High Speed, Fanless PC with Slim CD-ROM, 12V DC Adapter



Features

- Heat pipe, fanless PC design
- Built-in 12V DC adapter
- BBS-3001-J w/HS-1746, provides Intel® P-M/C-M processor, 2 x COM, 6 x USB2.0, Parallel
- BBS-3001-N w/HS-1748, provides Intel® P-M/C-M processor, 2 x COM, 6 x USB2.0, DVI display
- BBS-3001-O w/HS-1755-NF93, provides Intel® 45nm Penryn Mobile processors, 3 x COM, 6 x USB2.0, DVI display
- BBS-3001-Q w/HS-1750, provides Intel® Core™ Duo T2050 processor, 4 x COM, 6 x USB2.0, DVI display
- 1 x 2.5" HDD space, 1 x slim CD-ROM space
- Operating Temperature: 0~+60 degrees C
- Option for Wireless LAN module, +10~+30V DC in solution

Mechanical

Thermal System

Heat pipe

Dimensions (LxHxW)

27.5 x 8.3 x 18.22 cm

Operation/Storage Temperature

0~+45 degrees C/-20~+70 degrees C

0~+60 degrees C (only BBS-3001-J)

EMC

FCC/CE

Power Adapter

12V DC in 84W adapter or option +10~+30V DC power in

Ordering Guide

- BBS-3001-J (by order)**
High Speed, Fanless PC with HS-1746, 12V DC Adapter
- BBS-3001-N (by order)**
High Speed, Fanless PC with HS-1748, 12V DC Adapter
- BBS-3001-O**
High Speed, Fanless PC with HS-1755-NF93, 12V DC Adapter
- BBS-3001-Q**
High Speed, Fanless PC with HS-1750, 12V DC Adapter

Accessory Options

CPU, Memory Module, CF Module, 2.5" HDD, Slim CD-ROM

System

BBS-3001-J

SBC Model

HS-1746

CPU

Intel® Pentium® M processor 1.6/1.8GHz or Intel® Celeron® M processor 1.5GHz (option)

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 855GME/ICH4

System Memory

1 x 184-pin DIMM socket DDR 333MHz up to 1GB

Display Chipset

Intel® 855GME

Ethernet Chipset

Dual Intel® 82541 10/100/1000 Mbps LAN

Drive Bay

1 x 2.5" HDD space

1 x Slim CD-ROM space

Watchdog Timer

Software programmable time-out intervals from 1~255 sec.

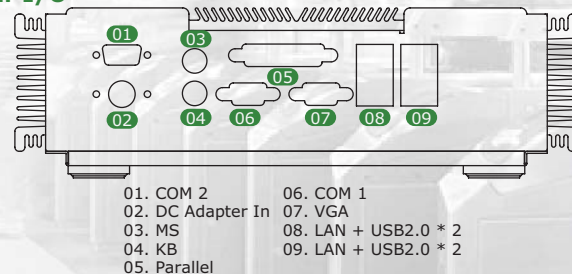
MTBF

60,000 hrs. under 50 degrees C without HDD

External I/O

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

Rear I/O



BBS-3001-N

SBC Model

HS-1748

CPU

Intel® Pentium® M/Celeron® M processor in the u-FCPGA 478 package (option)

BIOS

Award BIOS with 4Mb Flash EEPROM

System Chipset

Intel® 915GME/ICH6-M

System Memory

2 x 240-pin DIMM sockets DDR2 533MHz up to 2GB

Display Chipset

CRT: Intel® 915GME

DVI: Chronitel CH7307

Audio Chipset

RealTek ALC655 5.1CH audio codec

Ethernet Chipset

Triple Marvell 88E8053 10/100/1000 Mbps LAN

Drive Bay

1 x 2.5" HDD space

1 x Slim CD-ROM space

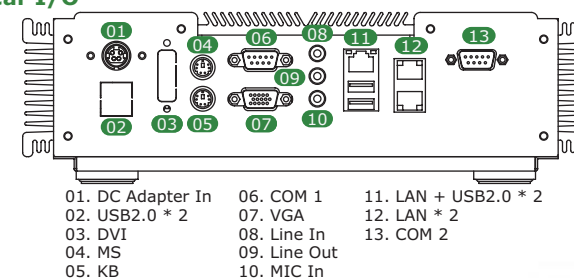
Watchdog Timer

Reset: 1 sec.~255 min. and 1 sec. or 1 min./step

External I/O

6 x USB2.0, DVI, PS/2 MS, PS/2 KB, 2 x COM, VGA, Line In, Line Out, MIC In, 3 x LAN

Rear I/O



BBS-3001-O

SBC Model

HS-1755-NF93

CPU

Supports Intel® 45nm Penryn Mobile processors

Front Side Bus 1066MHz

BIOS

Award 8Mb DIP Flash ROM

System Chipset

Intel® GM45/ICH9-ME

System Memory

2 x Dual Channel SO-DIMM sockets for unbuffered DDR2

800/667 SDRAM up to 4GB

Display Chipset

CRT: Intel® GM45

DVI: Intel® GM45

Audio Chipset

RealTek ALC888 6-Channel HD audio codec

Ethernet Chipset

Dual RealTek RTL8111C PCI-E 10/100/1000 Mbps LAN

Provides Wireless LAN module (option)

Drive Bay

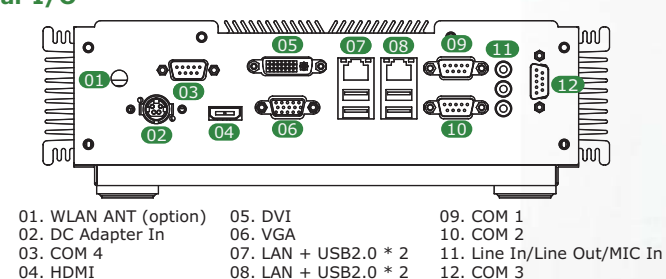
1 x 2.5" HDD space

1 x Slim CD-ROM space

External I/O

4 x COM, HDMI, DVI, VGA, 2 x LAN, 6 x USB2.0, Line In, Line Out, MIC In

Rear I/O



BBS-3001-Q

SBC Model

HS-1750

CPU

Intel® Core™ Duo T2050 processor (option)

BIOS

Award BIOS with 4Mb Flash EEPROM

System Chipset

Intel® 945GME/ICH7-M

System Memory

2 x 200-pin SO-DIMM sockets DDR2 667MHz up to 4GB

Display Chipset

CRT: Intel® 945GME

DVI: Chronitel CH7307

Audio Chipset

RealTek ALC655 5.1CH audio codec

Ethernet Chipset

Dual Marvell 88E8053 10/100/1000 Mbps LAN

Drive Bay

1 x 2.5" HDD space

1 x Slim CD-ROM space

Watchdog Timer

Reset: 1 sec.~255 min. and 1 sec. or 1 min./step

External I/O

4 x COM, PS/2 MS, PS/2 KB, VGA, DVI, 2 x LAN, 6 x USB2.0, Line In, Line Out, MIC In

Rear I/O

