



Applications

- ◆ Digital signage HD media player
- ◆ Consumer Set-Top-Box/network media player
- ◆ Kiosk, interactive signage
- ◆ High-definition media center PC
- ◆ Multimedia presentation

Features

- ◆ Small form factor fanless enclosure
- ◆ Intel® Atom™ N270 processor 1.6GHz
- ◆ Low power consumption for HD playback
- ◆ DDRII SO-DIMM slot support up to 2GB RAM
- ◆ Wireless, HD TV tuner and Hardware decoder options
- ◆ CF, SATAII x 2, COM x 2, USB2.0 x 2

Specifications

System

CPU

Intel® Atom™ N270 1.6GHz processor

System Chipset

Intel® 945GSE/ICH7-M

System Memory

1 x DDRII SO-DIMM socket, up to 2GB

SATA

2 x SATAII ports

IDE

1 x CF socket

1 x IDE

USB

2 x USB2.0 ports

COM

2 x COM ports

Video

1 x VGA

1 x DVI

1 x LVDS

Ethernet

1 x Gigabit Ethernet port

Hardware decoder video format support

H.264/AVC SP, MP and HP at Level 4.1 up to 40 Mbps

SMPTE VC-1 SP, MP and AP at Level 3 up to 40 Mbps

MPEG-2 MP at ML and MPEG-2 MP at HL, up to 125Mbps

Uncompressed video output

YUV 4:2:0, YUV 4:2:2

NV12 planar YCbCr format

YUY2, UYVY packed YCbCr format

480i, 480p, 576i, 576p, 720p, 1080i, 1080p support

Mechanical & Environmental

Dimensions (WxDxH)

24.5 x 19.4 x 5.78 cm

Operation Temperature

0~60 degrees C

Power

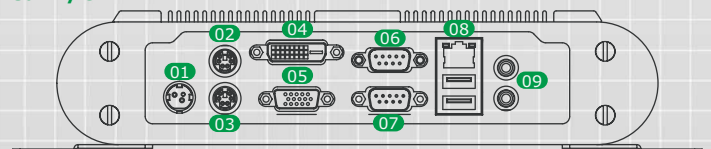
+12V DC

I/O Interface

External I/O

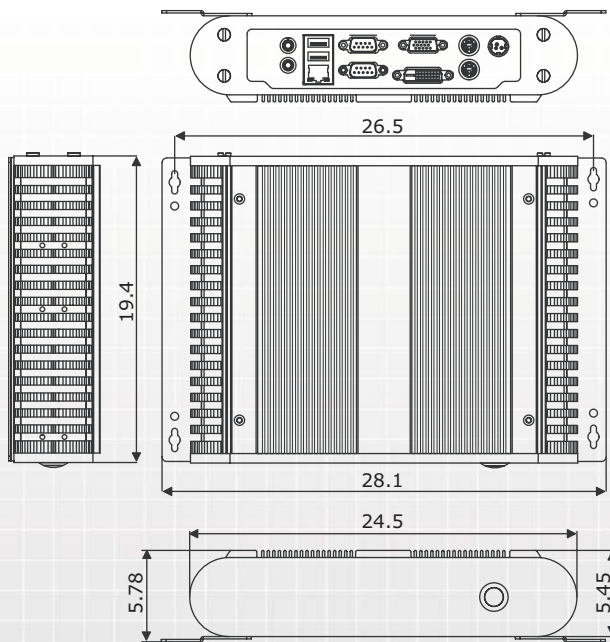
PS/2 MS, PS/2 KB, DVI, VGA, COM x 2, LAN x 1, USB2.0 x 2, Audio

Rear I/O



- | | |
|---------------------|----------------------|
| 01. DC Power Socket | 06. COM 2 |
| 02. MS | 07. COM 1 |
| 03. KB | 08. LAN + USB2.0 * 2 |
| 04. DVI | 09. Audio |
| 05. VGA | |

Dimensions



Ordering Guide

- ◆ **BBS-3006**
High Speed, Fanless PC with Atom™ 1.6GHz CPU, +12V DC

Accessory Options
Memory Module, CF Module