

HS-7165

Intel® Mobile Dual-Core processor PICMG1.3 Full-size SBC w/CF, DVI-I/CRT/LVDS, Dual GB LAN, Audio, SATA, 7 USB2.0



Features

- Socket P for Intel® Mobile Dual-Core processor, supports 1066/800/667MHz FSB
- 2 x DIMMs up to 4GB DDR2 SDRAM
- Intel® GM45/ICH9-M system chipset
- Intel® GM45 integrated VGA for CRT & LVDS
- 2 x 10/100/1000 Mbps ethernet
- High Definition audio codec
- Supports CF, 4 x SATA, 4 x COM, 7 x USB2.0
- Supports 24-bit LVDS, 8-bit GPIO, H/W Monitor function
- Option for DVI-I display

System

CPU

Intel® Mobile Dual-Core processor, supports Merom 65nm and Penryn 45nm (Socket P)

FSB

1066/800/667MHz FSB

BIOS

AMI PnP Flash BIOS

System Chipset

Intel® GM45/ICH9-M

I/O Chipset

Winbond W83627UHG

System Memory

2 x 240-pin DIMM sockets DDR2 800MHz up to 4GB

Storage

1 x Type II CF socket

Watchdog Timer

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

H/W Status Monitor

Monitoring temperatures, voltages, and cooling fan status

Power Function

ATX power

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

338 x 126 mm

I/O Interface

MIO

- 3 x RS-232
- 1 x RS-232/422/485
- 7 x USB2.0 (6 x internal, 1 x external)
- 1 x Parallel
- 4 x SATA
- 1 x 6-pin header for PS/2 KB/MS

GPIO

8-bit general purpose input/output port

Display

Chipset

Intel® GM45 integrated Intel® Graphics Media Accelerator 4500 MHD

Display Memory

352MB video memory

LVDS

24-bit single/dual-channel

DVI Chipset

Integrated Intel® Graphics Media Accelerator 4500 MHD

Resolution

2048 x 1536 @ 60MHz

Audio

Chipset

RealTek ALC262 High Definition audio codec

Audio Interface (w/pin header)

MIC In, Line Out

Ethernet

Chipset

Dual RealTek RTL8111C 10/100/1000 Mbps LAN

Ethernet Interface

2 x RJ-45

Ordering Guide

- **HS-7165**
Intel® Mobile Dual-Core PICMG1.3 Full-size SBC w/CF, CRT, Dual GB LAN, Audio
- **HS-7165/DVI-I**
Intel® Mobile Dual-Core PICMG1.3 Full-size SBC w/CF, DVI-I, Dual GB LAN, Audio

Accessory Options

LVDS Cable, COM Cable, USB Cable, SATA Cable, SATA Power Cable, H=23mm CPU Cooler

● Panel PC

● Bare Bone

● SBC

● Chassis

● Power Supply

● Backplane