

# HS-7165

Intel® Core™ 2 Duo/Celeron® M processor PICMG1.3 Full-size SBC w/CF, DVI-I/CRT/LVDS, Dual Gigabit Ethernet, Audio, 4 COM, 7 USB



PICMG1.3 Full-size

## Features

- » Intel® Core™ 2 Duo/Celeron® M processor
- » 2 x DIMM up to 4GB DDR2 SDRAM
- » Intel® GM45/ICH9-M system chipset
- » 24-bit dual-channel LVDS
- » Dual Gigabit Ethernet
- » HDA Codec
- » Hardware Monitor function
- » Option for DVI-I display

## System

**CPU**  
Socket P for Intel® Core™ 2 Duo/Celeron® M processor

**Bus Interface**  
PICMG1.3 Full-size

**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, DDR2 800MHz, Max. 4GB

**Storage**  
1 x Type II CF socket

**GPIO**  
8-bit general purpose input/output port

**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 mode support

**Operating Temperature**  
0~60°C

**Operating Humidity**  
0~95%, non-condensing

**Board Size (LxW)**  
338 x 126 mm

## I/O Interface

**I/O Port**  
3 x RS-232  
1 x RS-232/422/485  
7 x USB2.0 (1 x external)  
4 x SATA  
1 x Parallel  
1 x 6-pin connector for PS/2 KB/MS

## Display

**Chipset**  
Intel® GM45 integrated Intel® Gen5.0 GMA X4500MHD

**Display Memory**  
8MB video memory

**LVDS**  
24-bit single/dual-channel

**DVI**  
Intel® GM45 integrated Intel® Gen5.0 GMA X4500MHD

**Resolution**  
2048 x 1536

## Audio

**Chipset**  
RealTek ALC262 HDA Codec

**Audio Interface**  
MIC In, Line Out

## Ethernet

**Chipset**  
Dual RealTek RTL8111C Gigabit Ethernet

**Ethernet Interface**  
2 x RJ-45

## Ordering Information

**HS-7165**  
PICMG1.3 Full-size SBC w/CF, CRT, Dual Gigabit Ethernet, Audio

**HS-7165/DVI-I**  
PICMG1.3 Full-size SBC w/CF, DVI-I, Dual Gigabit Ethernet, Audio

**Accessory Options**  
SATA Cable, COM Cable, USB Cable, H=23mm Cooler