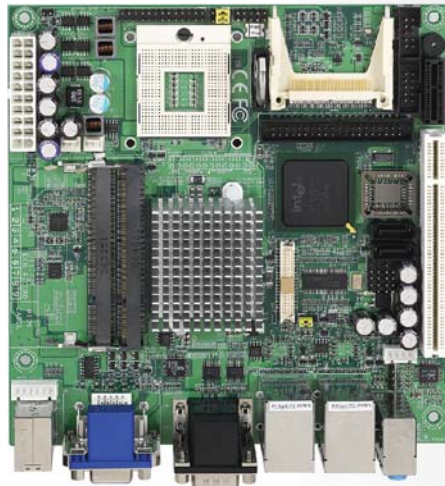


# HS-1750

Intel® Core™ 2 Duo Mobile/Core™ Duo/Core™ Solo/Celeron® M processor mITX Board w/CF, DVI/CRT/LVDS, Dual GB LAN, Audio, SATA, 8 USB2.0



## Features

- Intel® Core™ 2 Duo Mobile/Core™ Duo/Core™ Solo/Celeron® M processor, supports 667/533MHz FSB
- 2 x SO-DIMMs up to 4GB DDR2 SDRAM
- Intel® 945GME/ICH7-M system chipset
- Intel® 945GME integrated VGA for CRT & LVDS
- 2 x 10/100/1000 Mbps ethernet
- AC'97 audio codec
- Supports CF, 2 x SATA, 4 x COM, 8 x USB2.0, PCIex1 slot, standard PCI slot
- Supports 18-bit LVDS, 8-bit GPIO, H/W Monitor function

## System

- CPU**  
Intel® Core™ 2 Duo Mobile processor - T7000, T5000 sequences (Merom/Socket M)  
Intel® Core™ Duo/Core™ Solo processor - T2000, T1000 sequences (Yonah)  
Intel® Celeron® M processor - 400 sequences
- FSB**  
667/533MHz FSB
- BIOS**  
Award BIOS with 4Mb Flash EEPROM
- System Chipset**  
Intel® 945GME/ICH7-M
- I/O Chipset**  
ITE IT8712F
- System Memory**  
2 x 200-pin SO-DIMM sockets DDR2 667MHz up to 4GB
- Storage**  
1 x Type I/II CF socket
- Watchdog Timer**  
Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
- H/W Status Monitor**  
Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats.
- Expansion Slot**  
1 x PCIex1 slot  
1 x Standard PCI slot
- Power Requirement**  
+3.3V@0.32A, +5V@2.67A, +12V@2.13A, 5 VSB@0.02A
- Power In**  
20-pin ATX power connector
- Operating Temperature**  
0~60 degrees C
- Operating Humidity**  
10~90%, non-condensing
- Size (L x W)**  
170 x 170 mm

## I/O Interface

- MIO**  
4 x RS-232 (2 x external)  
8 x USB2.0 (4 x internal, 4 x external)  
1 x IDE  
1 x IrDA  
2 x SATA 300  
1 x PS/2 for KB  
1 x PS/2 for MS
- GPIO**  
8-bit Digital I/O

## Display

- Chipset**  
Intel® 945GME integrated Intel® GMA950
- Display Memory**  
256MB video memory
- LVDS**  
18-bit single/dual-channel
- DVI Chipset**  
Chrontel 7307
- Resolution**  
CRT Mode: 2048 x 1536 @ 75Hz (QXGA)  
LVDS Mode: 1600 x 1200 (UXGA)

## Audio

- Chipset**  
RealTek ALC655 5.1CH
- Audio Interface (w/pin header)**  
MIC In, Line Out, Line In

## Ethernet

- Chipset**  
Dual Marvell 88E8053 10/100/1000 Mbps LAN
- Ethernet Interface**  
2 x RJ-45

## Ordering Guide

- HS-1750**  
Intel® Core™ 2 Duo Mobile/Core™ Duo/Core™ Solo/Celeron® M processor SBC w/CF, DVI/CRT/LVDS, Dual GB LAN, Audio, SATA, 4C, 8 USB2.0

Panel PC

Bare Bone

SBC

Chassis

Power Supply

Backplane