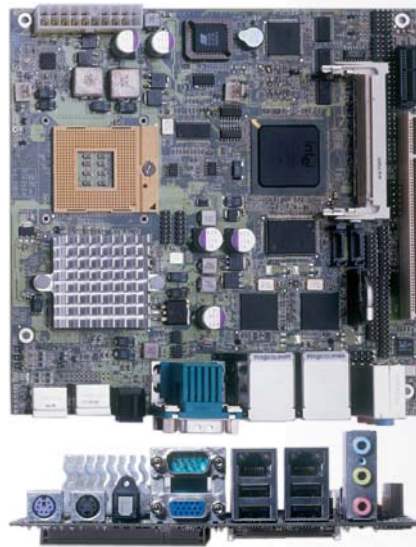


# HS-1745

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



## Features

- Intel® Core™ 2 Duo/Core™ Duo/Core™ Solo/Celeron® M processor 1.66~2.33GHz, supports 667/533MHz FSB
- 1 x SO-DIMM up to 1GB DDR2 SDRAM
- Intel® 945GME/ICH7-M system chipset
- Intel® 945GME integrated VGA for CRT & LVDS
- 2 x Intel® 10/100/1000 Mbps ethernet
- AC'97 audio codec
- Supports CF, SPDIF, 2 x SATA, 6 x COM, 8 x USB2.0, PCIex1 slot, mini PCI slot, 3.3V PCI slot
- Supports 18-bit LVDS, TV-Out, 8-bit I/O, H/W Monitor function
- Option for DVI-I display

## System

**CPU**  
Intel® Core™ 2 Duo/Core™ Duo/Core™ Solo/Celeron® M processor 1.66~2.33GHz  
Core™ 2 Duo: T5500, T5600, T7200, T7400, T7600  
Core™ Duo: T2300, T2400, T2500, T2600, T2700  
Celeron® M: 410, 420, 430, 440, 450

**FSB**  
667/533MHz FSB

**BIOS**  
AMI PnP Flash BIOS

**System Chipset**  
Intel® 945GME/ICH7-M

**I/O Chipset**  
Winbond W83627EHG

**System Memory**  
1 x 200-pin SO-DIMM socket DDR2 667MHz up to 2GB

**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

**Expansion Slot**  
1 x PCIex1 slot  
1 x Type III mini PCI slot  
1 x 3.3V PCI slot

**Operating Temperature**  
0~60 degrees C

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

**Size (L x W)**  
170 x 170 mm

## I/O Interface

- MIO**  
4 x RS-232 (1 x external)  
2 x RS-232/422/485  
8 x USB2.0 (4 x internal, 4 x external)  
1 x IDE  
1 x FDD  
1 x Parallel  
2 x SATA  
1 x PS/2 for KB/MS  
1 x IrDA (only PCB v0.5 or above)
- GPIO**  
8-bit input/output by parallel port

## Display

- Chipset**  
Intel® 945GME integrated Intel® GMA950
- LVDS**  
18-bit single/dual-channel
- TV-Out**  
Provides PAL or NTSC TV systems
- DVI Chipset**  
Chrontel 7307 (option)

## Audio

- Chipset**  
RealTek ALC202A
- Audio Interface**  
MIC In, Line Out, Line In, SPDIF

## Ethernet

- Chipset**  
Dual Intel® 82573L 10/100/1000 Mbps LAN
- Ethernet Interface**  
2 x RJ-45

## Ordering Guide

**HS-1745**  
Intel® Core™ 2 Duo/Core™ Duo/Core™ Solo/Celeron® M processor SBC w/CF, CRT, TV-Out, Dual GB LAN, Audio, SPDIF

**HS-1745/DVI-I**  
Intel® Core™ 2 Duo/Core™ Duo/Core™ Solo/Celeron® M processor SBC w/CF, DVI-I, TV-Out, Dual GB LAN, Audio, SPDIF

**Accessory Options**  
LVDS Cable, COM Cable, USB Cable, SATA Cable, SATA Power Cable, IDE Cable, H=23mm CPU Cooler