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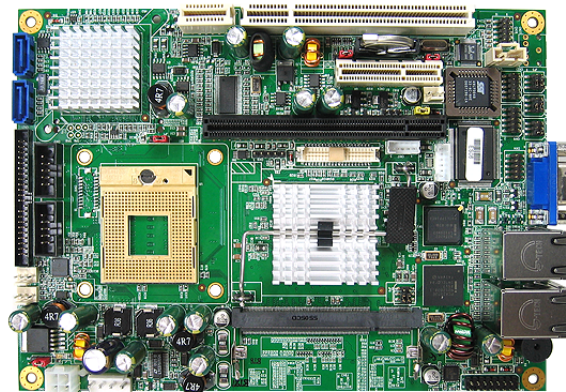
5.25" SBC

EBC5945GM

Intel® Core™ Duo/Solo Processor
 Socket M 5.25" EBC

Features

- Intel® Core™ 2 Duo, Core™ Duo, Core™ Solo Socket M with 533/667 MHz FSB
- Intel® 82945GM GMCH + Intel® 82801GHM ICH7M Chipsets
- 2 SODIMM up to 2GB Dual Channel DDR2 Non ECC Memory
- Intel® Graphics Media Accelerator 950, VGA, LVDS, TV-Out
- Realtek® ALC655 support 2 CH Audio
- Intel® 82562EZ 10/100Mbps LAN and Intel® 82573E Gbit LAN
- 1 x PCIe x16 or ADD2 Slot, 1 x PCIe x4 Slot, 1 x PCI, 1 x CF
- 2 x SATA (RAID 0 & 1), 2 x COM, 8 x USB
- 5.25" Embedded Form Factor (5.75" x 8")
- RoHS Compliant



LVDS

TV-Out

2 LAN

PCIe x16

PCIe x4

CF

2 SATA

2 COM

8 USB

SODIMM

Specifications

System

CPU	Intel® Core™2 Duo, Core™ Duo, Core™ Solo Socket M 533/667 MHz FSB
Core Logic Chipsets	Intel® 82945GM GMCH Intel® 82801GHM ICH7M
System Memory	2 x 200-pin SODIMM Socket
BIOS	Support Up to 2GB Dual Channel DDR2 667 Non ECC Award 4MB FWH BIOS
Expansion Interface	1 x PCI Express x16 or ADD2 Slot 1 x PCI Express x4 Slot 1 x 32-bit PCI Slot 1 x Compact Flash Socket
Additional Features	Single 12V Input Support Digital Display thru ADD2 Card

Onboard I/O

PS/2	1 x K/B, 1 x Mouse (Via Daughter Board)
IDE	1 x IDE Connector
SATA	2 x SATA Connectors
USB	8 x USB 2.0 Ports
Serial Port	2 x Serial Ports (COM2 Supports RS-422/485)
IrDA	1 x IrDA Tx/Rx Header

Display

Chipset	Intel® 82945GM GMCH
Resolution	CRT Mode: Up to 2048 x 1536 @ 75Hz LCD Mode: Up to 2048 x 1536 @ 60Hz
VGA/LCD Interface	1 x DB-15 VGA Connector
LVDS	18/36-bit LVDS
TV-Out	Support both S-Video and Composite Video

Audio

AC'97 Codec	Realtek® ALC655 support 2 CH Audio
Audio Interface	Line-Out, Line-In, Mic-In and CD Audio-In

Ethernet

Chipset	Intel® 82562EZ Intel® 82573E
Speed	Intel® 82562EZ: 10/100Mbps Intel® 82573E: 10/100/1000Mbps

Mechanical and Environment

Power Supply Voltage	+12 V
Power Type	ATX (4-pin to 20-pin)
Operating Temperature	0° C to 60° C
Operating Humidity	-20° C to 80°
Form Factor	5.25" Embedded Form Factor
Dimensions	5.75" (W) x 8" (L)
Weight	0.8 lbs

Ordering Information

Part Number	Description
EBC5945GM	Intel® 945GM chipset, LVDS, TV-Out, 1 10/100 LAN, 1 PCIe Gbit LAN, 1 PCIe x16, 1 PCIe x4 Slot, 1 PCI, 1 CF, 2 SATA, 2 COM, 8 USB
ACC-5945GM	Accessory Pack for EBC5945GM

* All product specifications are subject to change without notice. Last update: 10/24/06

Consistency • Quality • Long-life