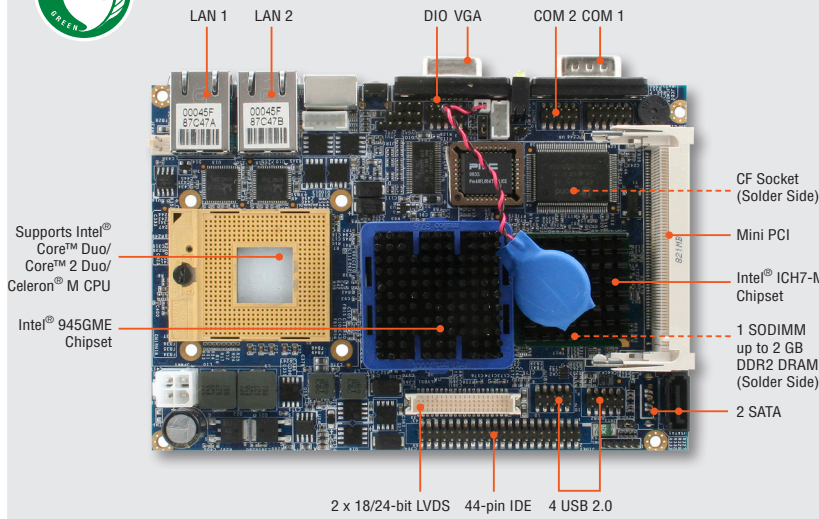




ECM-945GME

Intel® Core™ Duo/ Core™ 2 Duo/ Celeron® M 3.5”
Micro Module with Intel® 945GME + ICH7-M Chipset



Features

- Supports Intel® Core™ Duo/ Core™ 2 Duo/ Celeron® M CPU
- Intel® 945GME/ ICH7-M Chipset
- One 200-pin SODIMM Up to 2GB DDR2 400/ 533/ 667 SDRAM
- Dual View, Dual-channel LVDS
- 5.1-CH/ 7.1-CH Audio, S/PDIF
- Dual Realtek RTL8111C Gigabit Ethernet
- 1 Mini PCI, 1 CF, 2 SATA, 2 COM, 4 USB, 8-bit GPIO
- Jumperless Serial Port Configuration
- ACPI S3/ S4 Supported



Specifications

System

• CPU	Supports 65nm Intel® µFC-PGA 478/ µFC-BGA 479 Core™ Duo/ Core™ 2 Duo/ Celeron® M CPU Note: Available in Different CPU Speeds by Request
• FSB	533/ 667 MHz
• BIOS	Award 8Mbit Flash BIOS
• System Chipset	Intel® 945GME/ ICH7-M
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM Socket Supports Up to 2GB DDR2 400/ 533/ 667 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• Expansion	1 x Mini PCI

I/O

• MIO	1 x EIDE (Ultra DMA100), 2 x SATA, 1 x RS-232, 1 x KB & Mouse
• IrDA	115Kbps 1.0 Compliant
• USB	4 x USB 2.0
• DIO	8-bit General Purpose I/O for DI and DO

Display

• Chipset	Intel® 945GME Intergrated
• Display Memory	Intel® DVM T 3.0 Supports up to 224MB Shared Video Memory
• Resolution	CRT Mode: 2048 x 1536 @ 75Hz LCD/ Simultaneous Mode: 1600 x 1200 @ 60Hz
• Multiple Display	CRT + LVDS
• LVDS	Dual-channel 18/24-bit LVDS

Audio

• Chipset	Intel® ICH7-M
• AC97 Codec	Realtek ALC883 Supports 5.1-CH/ 7.1-CH with S/PDIF
• Audio Interface	Mic-in, Line-in, CD Audio-in, Line-out, S/PDIF out

Ethernet

• LAN	Dual Realtek RTL8111C PCI-E Gigabit Ethernet
• Ethernet Interface	1000 Base-T Gigabit Ethernet Compatible

Mechanical & Environmental

• Power Requirement	+12V @ 2.83A (with Intel® Core™ Duo T2500 2.0GHz & 1GB DDR2 533 SDRAM)
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	5.7" x 4" (146mm x 101mm)
• Weight	0.44lbs (0.2kg)

Ordering Information

• ECM-945GME

Intel® Core™ Duo/ Core™ 2 Duo/ Celeron® M 3.5” Micro Module with Intel® 945GME + ICH7-M Chipset and VGA, 2-CH LVDS, 5.1/ 7.1-CH Audio, Dual Gigabit Ethernet, CF, Mini PCI, 2 SATA, 2 COM, 4 USB, 8-bit GPIO

• ACC-CF-xx

CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

• ACC-CPU-x.xx-YYYY

Core™ Duo, Core™ 2 Duo, and Celeron® M series (x.xx=Clock Speed, Option: 1.5, 1.86, 2.16, YYYY: Processor Option: T7400, L7400, T7200, L7200, L2400 for Core™ series, 440 for Celeron® series)

• ACC-MEM-xx

Memory Series (xx = Capacity, Capacity Option: 256, 512MB, 1, 2GB)

1 Embedded System

2 ETXX/XTX/ COM Express

3 3.5" SBC

4 EPIC

5 5.25" SBC

6 PC/104

7 ATX

8 Micro ATX

9 Mini ITX

10 Nano ITX

11 ACP

12 Mini ITX System

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