



MX945GME

Intel® 945GME Mini ITX Supports Core™ 2 Duo CPU, 5 COM, 24-bit LVDS

Features

THE MX945GME IS ON THE PHASE-OUT LIST. BCM will continue to accept orders for the MX945GME through September 30th 2011. If you will require products beyond September please contact your BCM representative to arrange your last time buy orders which BCM can schedule through March of 2012. For a replacement product please consider our MX45GM or new MX67QM.

- Intel® Socket M Supports Core™ 2 Duo/ Pentium® Dual-Core/ Celeron M (65nm) Processors
- Intel® 945GME/ICH7M Chipsets
- Up to 2 GB DDR2 533/667 MHz System Memory
- Intel® GMA 950 Graphics Engine
- Dual Display: LVDS, VGA
- Dual Gigabit LAN, 5.1 Channel Audio
- 1 PCIe x16, 1 PCI
- 2 SATA, 1 IDE, 5 COM, 1 LPT, 4 USB, 8-bit GPIO
- ATX Power
- Mini ITX (6.7" x 6.7")

Specification

System

CPU	Intel® Pentium® Dual-Core/ Core™ Solo/Duo, Core™ 2 Duo/ Celeron® M (65nm) Socket M CPU 533/667 MHz FSB
Chipsets	Intel® Mobile 945GME GMCH + Intel® 82801GBM ICH7-M
System Memory	One 240-pin DIMM support up to 2 GB DDR2 533/667 MHz SDRAM
BIOS	Award 4 Mb Flash BIOS
Expansion Interface	1 x PCI Express x16 slot (supports ADD2 Card) 1 x PCI slot
Additional Features	H/W Status Monitor monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats.

Display

Chipset	Intel® 945GME GMCH Integrated Graphics Media Accelerator 950
Display Memory	Intel® DVM T 3.0 supports 224 MB video memory
Resolution	1600 x 1200 @ 32 bpp (75 Hz)
Dual Display	CRT + LVDS
VGA	1 x DB-15 VGA
LVDS	Single CH 24-bit/Dual CH 48-bit LVDS

I/O

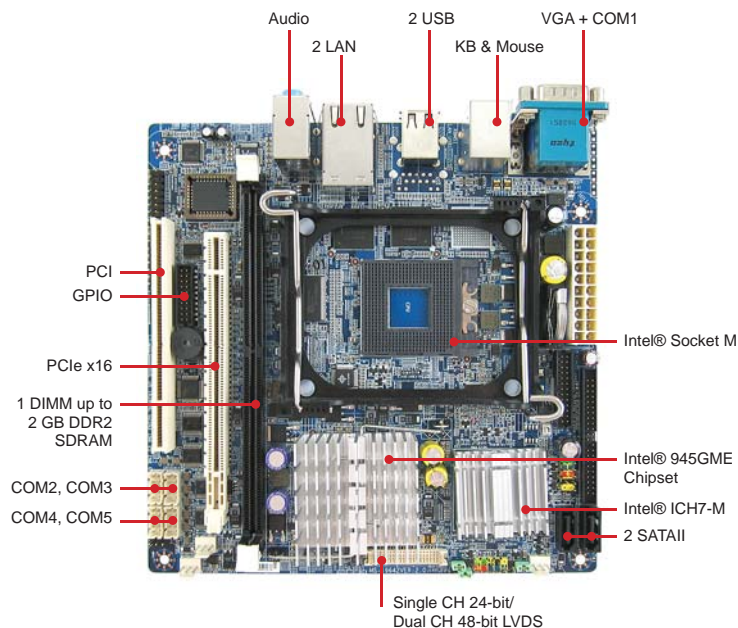
MIO	1 x K/B, 1 x Mouse, 1 x IDE (Ultra DMA 66/100), 1 x LPT
USB	2 x USB 2.0 ports (Rear I/O), 1 x USB pin headers for additional 2 USB
COM	1 x RS232 for COM1 (Rear I/O), 4 x RS232 for COM2~ COM5
SATA	2 x SATA
DIO	16-bit General Purpose I/O for DI and DO

Audio

Audio Codec	Realtek® ALC888 support 8 Channel HD Audio
Interface	Mic-In, Line-In, Line-Out, SPDIF

Ethernet

LAN 1	Intel® 82573L (1000Base-T Fast Ethernet)
LAN 2	Intel® 82573L (1000Base-T Fast Ethernet)



Mechanical and Environment

Power Supply Voltage	3.3V 2.8A, 5V 4.6A, 12V 3.6A, -12V 0.3A
Power Type	ATX
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	0%~90% relative humidity, non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs



Ordering Information

MX945GME

Intel® 945GME chipset, Socket M, LVDS, VGA, 2 Gbit LAN, 1 PCIe x16, 1 PCI, 2 SATA, 5 COM, GPIO, 4 USB

* All product specifications are subject to change without notice. Last update: 02/28/2008