



MSI IM-GM45-D

Fanless Mini ITX Board for Intel Core2Duo /Core2Quad CPU

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Features

- Intel Core2Duo Extreme / Core2Quad / Celeron M - CPU (Penryn)
- Intel GM45 and ICH9M-E Chipset
- Two SO-DIMM up to 4 GB
- Dual Display VGA / DVI /HDMI / LVDS
- Trusted Platform Module (TPM)
- Support iAMT
- Dual GB LAN
- SATA
- RS/232 , RS/422 , USB
- PCI, Mini-PCIe Slot
- Single Voltage 12 VDC

Specification

CPU's

Intel Core2Extreme, Core2Quad, Core2Duo, Celeron M (Penryn)

Core Logic

Intel 45 GM with
Intel Trusted Platform Module TPM & iAMT
Intel Active Management Techn. 4.0

Chipset ICH9ME

BIOS Award Bios

Front Side Bus 667//800 MHz

Memory

Dual Channel DDR2 667/800 SO-DIMM up to 4 GB

Graphics

Intel GMA 4500MHD
Support multiple video output, HDMI, DVI-I with dual independant Displays

Video

Support MPEG-2, MPEG-4, WMV9 and H.264

LAN Intel GB LAN x 2

OnBoard SATA 2.0 x 4

Multi I/O

1 x RS-232/422 on Rear Panel
4 x RS/232 by Pin Header

Keyboard Mouse Connector

Staked Connector for Keyboard & Mouse

USB

6 x USB ports

Audio on Rear Panel

5.1 Channel HD Audio

Expansion

1 onBoard PCI-Slot , Mini-PCIe x 1
up to 2 PCI - Cards with 1 / 2 Slot Riser-Card

Environmental

Operating Temperature : 0 .. .60 ° C
Storage : -20 ...85 ° C
Rel. Humidity : 10% .. 90 % (non-Condensing)
Fanless Operation with Heatpipe

Power

Single voltage 12 VDC

Approval
CE, FCC

Formfactor
Mini-ITX

Dimensions
170x170 mm



Pass. Mini-IPC
Gehäuse

