

## Features

- Socket G supports 2nd generation Intel® Core™ i7/ i5/i3 processors (Sandy Bridge Platform)
- Intel® QM67 PCH
- Supports up to 16 GB dual channel 1066/1333 MHz DDR3 memory
- Dual Display: HDMI, DVI-D, VGA, 18/24-bit LVDS
- 2 x SATA III, 2 x SATA II, RAID
- 8 x USB
- 4 x COM
- 1 x PCIe x4, 1 x Mini PCIe
- 1 x CFast
- Intel® Active Management Technology 7.0
- Intel® Trusted Execution Technology
- Wide Range DC Power

## Specification

### System

CPU	Socket G µPGA 989 supports 2nd generation Intel® Core™ i7, Core™ i5, Core™ i3 and Celeron® processors up to 45W Max
Chipsets	Intel® QM67 Chipset
System Memory	Two 204-pin DIMM slots support up to 16 GB dual channel 1066/1333 MHz DDR3 memory module
BIOS	AMI® 64Mb SPI BIOS
Expansion Interface	1 x PCI Express x4, 1 x Mini PCI Express, 1 x CFast Socket
Advanced Technology	Intel® Active Management Technology 7.0 Intel® Trusted Execution Technology
TPM	supported by Infineon SLB9635TT1.2
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Yes

### Display

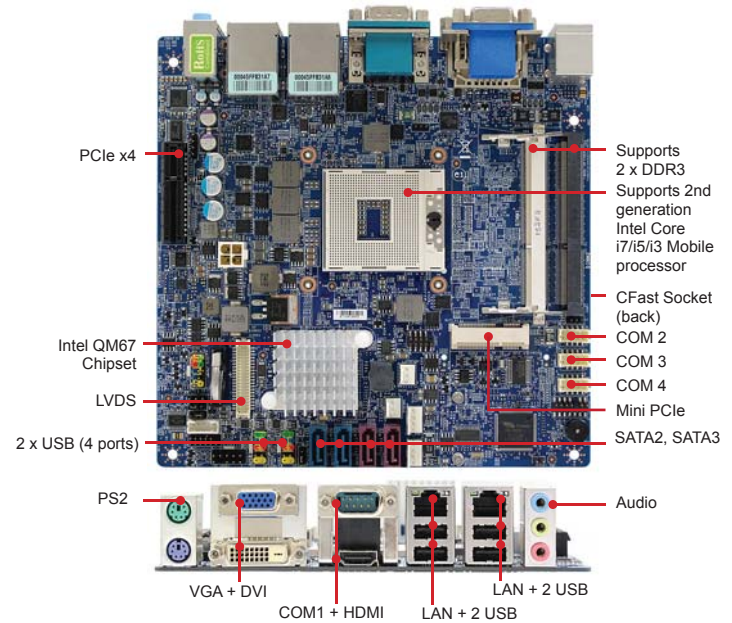
Graphics Engine	Intel® Integrated HD Graphic
Dual Display	VGA, HDMI, DVI-D, 18/24-bit dual channel LVDS

### Onboard I/O Headers

SATA	2 x SATA II and 2 x SATA III
USB	2 x USB Headers (4 Ports)
COM	3 x RS-232 Headers
LVDS	1 x LVDS Header
Inverter	1 x Inverter Header
GPIO	8-bit GPIO Header
Front Panel	1 x Front Panel Header
CMOS Battery	1 x Socket Type CMOS battery holder

### Back I/O Panel

PS/2	2 x PS/2 Connector (Keyboard/Mouse)
COM	1 x RS-232/422/485
Display	1 x DB-15 VGA, 1 x DVI-D, 1 x HDMI
LAN and USB	2 x Stack up RJ45 and USB 2.0 Connectors
Audio	1 x 3-Jacks Audio connector



### Audio

HD Audio Codec	Realtek® ALC887 HD Audio
Audio Interface	Line-in, Line-out, Mic-in, SPDIF
Amplifier	3 Watt x 2 Amplifier

### Ethernet

LAN 1	Intel® 82579LM PHY Gigabit LAN Controller
LAN 2	Intel® 82574L PCIe Gigabit LAN Controller

### Mechanical and Environment

Power Type	12V, 15V-24V Wide Range DC-in
Operating Temperature	0°C ~ 45°C – Without case fan 45°C ~ 60°C – Requires case fan
Operating Humidity	5%~90% relative humidity, non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs

## Ordering Information

### MX67QMD

Intel QM67 Mini ITX Motherboard, DC Power

### Accessories Included

1 x Standard I/O Shield, 1 x CPU Cooler, 1 x Dual COM Port Cable, 2 x SATA Cables, 1 x DC power cable, 1 x SATA power Y cables, 1 x Driver CD, 1 x User's Quick Start Card

### 183000000006

2.00mm pitch 12" length Serial cable

### 182437200040

2.54mm pitch 14" length Dual port USB cable w/ full height bracket

\* All product specifications are subject to change without notice. Last update: 10/25/2012