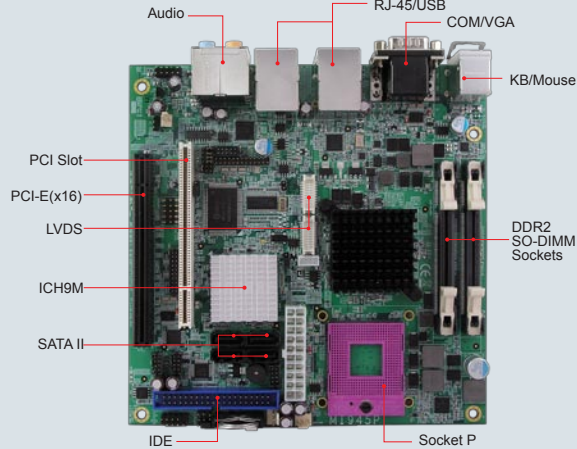




# MI945P



## Features

- Supports Intel® Core™2 Quad / Core™2 Duo processors, 667/800/1066MHz FSB
- 2x DDR2 SO-DIMM , Max. 8GB
- Onboard dual Gigabit LAN
- Integrated VGA for CRT & LVDS
- 7.1 CH HD Audio
- 4x SATA II, 1x IDE, 8x USB 2.0, 4x COM
- 1x PCI-E(x16), 1x PCI
- Optional Intel® AMT 4.0, RAID

## System

CPU Socket	Socket P for Intel® Core™2 Quad / Core™2 Duo processors
System Memory	2x DDR2 SO-DIMM, 667/800 MHz, Max. 8GB
System Chipset	Intel® GM45 + ICH9M, 667/800/1066 MHz FSB (MI945P) Intel® GM45 + ICH9ME, 667/800/1066 MHz FSB (MI945PR, MI945PA)
BIOS	Award (MI945P, MI945PR) / AMI (MI945PA)
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x PCI

## Graphics

VGA Controller	Intel® GM45 integrated GMA 4500MHD
VGA Memory	Supports DVMT 5.0; Max. shared memory - 1GB
Display Interface	Supports Direct X 10 for CRT & 18-bit/24-bit dual channel LVDS

## Ethernet

Controller	Integrated Intel® 82567LM Gigabit LAN Intel® 82574L PCI-E Gigabit LAN for 2 <sup>nd</sup> LAN
Connector	RJ-45 on board

## Multi I/O

Chipset	Winbond W83627DHG + Fintek 81216DG 1x IDE, 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 4x SATA II
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	Intel® ICH9M built-in HD audio w/ Realtek ALC888 codec for 7.1CH
Others	Digital I/O (4 in, 4 out)



## Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 1GB DDR3-1066 +12V: 2.12A +5V: 2.97A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

## Ordering Information

MI945P	Socket P GM45 Mini-ITX motherboard with VGA and dual Gigabit LAN
MI945PR	Socket P GM45 Mini-ITX motherboard with VGA and dual Gigabit LAN, RAID
MI945PA	Socket P GM45 Mini-ITX motherboard with VGA and dual Gigabit LAN, RAID, Intel® AMT 4.0

### Remarks:

1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.

