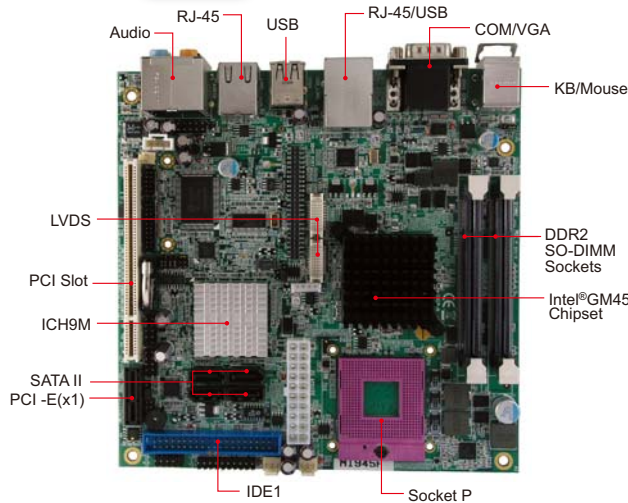




## MI945 **NEW**



### System

CPU Socket	Socket P for Intel® Core™2 Duo processors
System Memory	2x DDR2 SO-DIMM, 667/800MHz, Max. 8GB
System Chipset	Intel® GM45 + ICH9M, 667/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slot	1x PCI, 1x PCI-E(x1), 1x Mini PCI-E

### Graphics

VGA Controller	Intel® GM45 integrated GMA 4500MHD
VGA Memory	Supports DVM T 5.0; Max. shared memory - 1GB
Display Interface	Supports CRT & 18-bit/24-bit dual channel LVDS, optional daughter card supports 2nd CRT and single/dual DVI

### Ethernet

Controller	ICH9M integrated Intel® 82567LM Gigabit LAN Intel® 82574L PCI-E Gigabit LAN for 2nd LAN
Connector	RJ-45 on board

### Multi I/O

Chipset	ICH9M, Winbond W83627DHG-P + Fintek 81216G 1x IDE (PCI-E to PATA), 1x KB, 1x Mouse, 3x RS232, 1x RS-232/422/485, 4x SATA II (3.0Gb/sec)
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)

### Features

- Supports Intel® Core™2 Duo processors  
667/800/1066MHz FSB
- 2x DDR2 SO-DIMM, Max. 4GB
- Onboard dual Gigabit LAN
- Integrated VGA for CRT & LVDS
- 4x SATA II, 8x USB 2.0, 4x COM, 1x IDE, 1x CF
- 1x PCI, 1x PCI-E(x1), 1x Mini PCI-E



### Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 2GB DDR2-667 +12V: 2.01A +5V: 0.45A +3.3V: 0.82A
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

MI945F	Socket P GM45 Mini-ITX motherboard with VGA and dual Gigabit LAN
MI945RF	Socket P GM45 Mini-ITX motherboard with VGA, dual Gigabit LAN and RAID (ICH9EM)
ID391-R	Single DVI board w/ cable (see page 24)
ID391D-R	Dual DVI board w/ cable (see page 24)
ID392-R	Single DVI board w/ edge connector (see page 24)
ID392D-R	Dual DVI board w/ edge connector (see page 25)
ID397	SDVO interface, HDMI board (see page 25)
ID397D	SDVO interface, HDMI + DVI board (see page 25)
ID450-R	Power interface board (see page 25)

Remarks:  
\* Specifications are subject to change without prior notice.

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