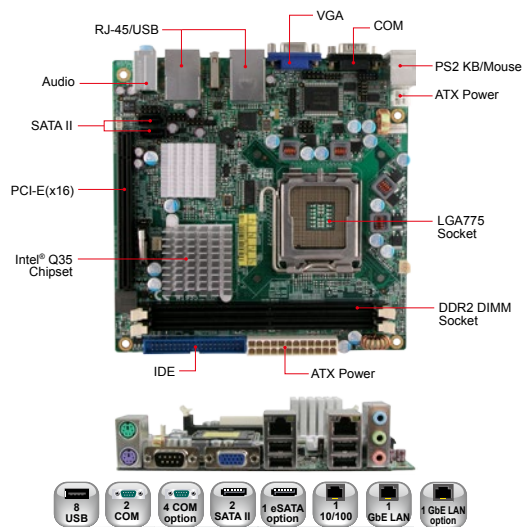


## MI935

LGA775 Intel® Core™2 Quad / Core™2 Duo Mini-ITX Motherboard w/ Intel® Q35 Express Chipset



### Features

- Supports Intel® Core™2 Quad / Core™2 Duo / Celeron® 400 Sequence processors (Conroe-L) 800MHz/1066MHz/1333MHz FSB
- 2x DDR2 DIMM, Max. 4GB
- 10/100BaseT or PCI-E Gigabit LAN, optional 1x PCI-E Gigabit LAN
- Integrated VGA, PCI-E(x16) for 2nd VGA
- 8x USB 2.0, 2x SATA II, 2x COM, optional 1x eSATA, 4x COM (ID394)
- 1x PCI-E(x16)

### Specifications

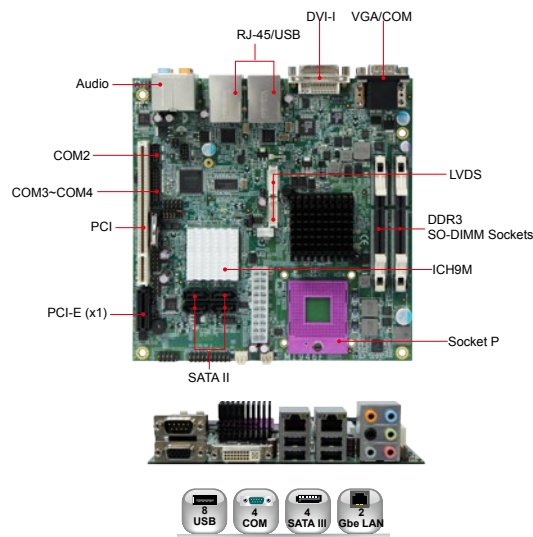
CPU	LGA775 for Intel® Core™2 Quad/Core™2 Duo / Pentium® / Celeron® processors
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Intel® Q35 Express + ICH9/ICH9R, 800/1066/1333MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), headers for 4x COM (ID394 daughter board), TPM (ID395 daughter board)
VGA Controller	Intel® Q35 Express integrated
VGA Memory	DVMT 4.0 (Intel® GMA 3100); supports memory allocation up to 256MB
Display Interface	Available with onboard VGA and PCI-E x16 expansion card (DVI or LVDS) or VGA card
LAN Controller	Intel® 82562V 10/100 LAN or Intel® 82566DM Gigabit LAN with Marvell PCI-E Gigabit LAN for LAN2
Connector	RJ-45 on board
I/O Chipset	Winbond W83627EHG 1x IDE, 1x KB, 1x mouse, 1x RS232, 1x RS-232/422/485, 2x SATA II, optional 1x eSATA (MI935RF)
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	Built-in ALC888 HD audio codec
Others	Digital I/O (4-in/4-out)
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo 2.0GHz w/ 2GB DDR2 +5V: 0.07A +12V: 0.85A CPU Input +12V: 2.45A
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

MI935	LGA775 Q35 Mini-ITX motherboard with VGA, 10/100 LAN, PCI-E Gigabit LAN, 2x SATA II, 1x PCI-E(x16)
MI935F	LGA775 Q35 Mini-ITX motherboard with VGA, Gigabit LAN (PHY), PCI-E Gigabit LAN, 2x SATA II, 1x PCI-E(x16)
MI935RF (By request w/ MOQ)	LGA775 Q35 Mini-ITX motherboard with VGA, Gigabit LAN, PCI-E Gigabit LAN, 2x SATA II, 1x PCI-E(x16), 1x eSATA or RAID 0, 1 (ICH9R)

## MI946

Socket P Intel® Core™2 Quad / Core™2 Duo Mini-ITX Motherboard w/ Intel® GM45 PCH



### Features

- Support Intel® Core™2 Quad / Core™2 Duo processors, 667/800/1066MHz FSB
- 2x DDR3 SO-DIMM, Max. 4GB
- Supports CRT, DVI-I & 24-bit dual channel LVDS
- Onboard dual Gigabit LAN
- 4x SATA II, 8x USB 2.0, 4x COM
- 1x MiniPCI-E, 1x PCI-E(x1), 1x PCI
- Watchdog timer, EuP/ErP compliant

### Specifications

CPU	Socket P for Intel® Core™2 Quad / Core™2 Duo processors
System Memory	2x DDR3 SO-DIMM, 667/800/1066 MHz, Max. 4GB
System Chipset	Intel® GM45 + ICH9M (MI946F)/ICH9ME(MI946AF/MI946RF), 667/800/1066 MHz FSB
BIOS	AMI
Watchdog Timer	256 levels
SSD	CF socket(solder side)
H/W Monitor	Yes
Expansion Slot	1x MiniPCI-E, 1x PCI-E(x16), 1x PCI
VGA Controller	Intel® GM45 integrated GMA4500MHD
VGA Memory	Supports DVMT 5.0; Max. Shared memory-1GB
Display Interface	Support Direct X 10 for CRT & 18-bit/24-bit dual channel LVDS
LAN Controller	ICH9M Integrated Intel® 82567LM Gigabit LAN Intel® 82583V PCI-E Gigabit LAN for 2nd LAN
Connector	RJ-45 on board
I/O Chipset	ICH9M, Nuvoton NCT6627UD 1x KB, 1x Mouse (Thru onboard pin-header) 3x RS232, 1x RS-232/422/485, 4x SATA II
USB	4 ports on board Pin header for 4 ports
Audio	Intel® ICH9M built-in HD audio w/ Realtek ALC892 codec for 7.1CH
Others	Digital I/O (4 in, 4 out)
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 2GB DDR3-1333 +12V: 2.72A +5V: 2.08A +3.3V: 1.16A +5VSB: 0.72A
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

MI946F	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, EuP/ErP
MI946AF	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, iAMT4.0 , RAID (ICH9ME)
MI946RF	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, RAID (ICH9ME)