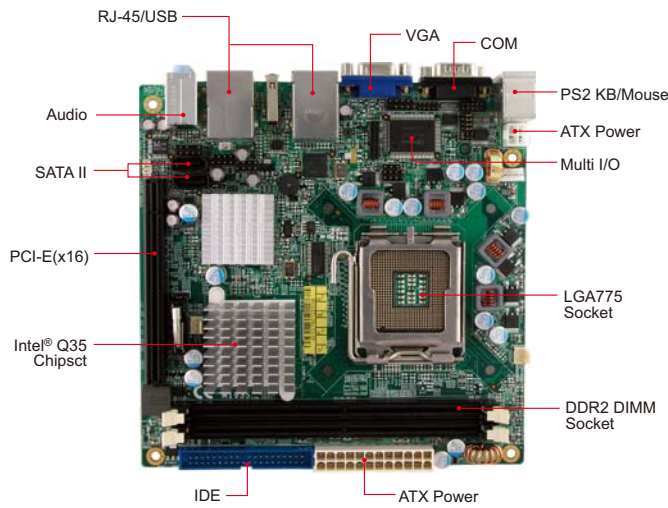




## MI935



### 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 with 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)



### System

CPU Socket	Intel® Core™2 Quad / Core™2 Duo / Celeron® 400 Sequence processors (Conroe-L)
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 Slot	1x PCI-E(x16), Headers for 4x COM (ID394 daughter board), TPM (ID395 daughter board)

### Mechanical and Environmental

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)

### Graphics

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 Marvel PCI-E Gigabit LAN for LAN2
Connector	RJ-45 on board

### Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE (PCI-E to PATA), 1x KB, 1x Mouse, 1x RS232, 1x RS-232/422/485, 2x SATA II, optional 1x eSATA
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)

### 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
ID394-R	LPC I/F 4x COM board (see page 25)
ID395-R	TPM1.2 (LPC interface) board (see page 25)
IP116-R	Riser card with 1x PCI-E(x16) (see page 24)
IBP190	PCI-E(x16), single/dual LVDS card (see page 24)
IBP192-R	PCI-E(x16), single DVI card (see page 24)
IBP192D-R	PCI-E(x16), dual DVI card (see page 24)
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)

Remarks:

\* Specifications are subject to change without prior notice.

Motherboards 1

Disk-Size SBCs 2

CPU Modules 3

PC/104 Plus 4

CPU Cards 5

AGP & MicroAGP 6

Embedded Systems 7

Network Security Appliance 8