



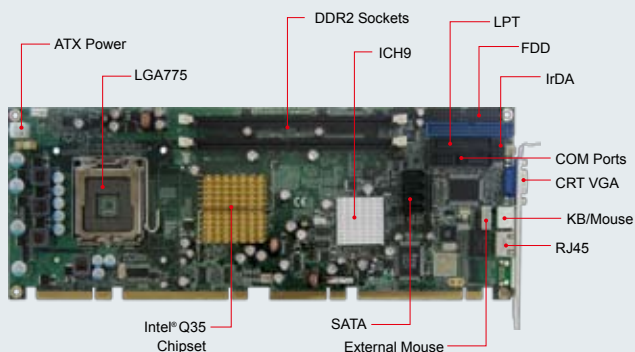
# CPU Cards

Intel® Core™2 Quad-Based

LGA775 PICMG 1.3 Intel® Core™2 Quad Full-Size CPU Card w/ Intel® Q35 Express Chipset

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## IB935



### Features

- Supports Intel® Core™2 Quad / Core™2 Duo / Celeron® 400 Sequence processors (Conroe-L), 800MHz/1066MHz/1333MHz
- 2x DDR2 DIMM, Max. 4GB
- 1x Gigabit LAN or 2x Gigabit LAN
- Integrated VGA (GMA 3100), CRT support
- 4x or 6x SATA II, 2x COM, 4x USB 2.0

### 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, 800/1066/1333MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	via backplane

### Graphics

VGA Controller	Intel® Q35 Express integrated (GMA 3100)
VGA Memory	DVMT 4.0 (Intel® GMA 3100); supports memory allocation up to 256MB
LCD Interface	N/A

### LAN

LAN Controller	Intel® 82566DM Gigabit LAN or Intel® 82574L PCI-E Gigabit LAN for LAN2
Connector	RJ-45 on board

### Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE, 1x KB, 1x mouse, IrDA, 1x FDD 1x RS232, 1x RS232/422/485, 4x or 6x SATA II
USB	4 ports on board (USB 2.0) Extra 4 ports through backplane are supported
Audio	Built-in HD audio + HD codec
Others	IrDA, Digital I/O (4-in/4-out)

### Mechanical and Environmental

Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	Intel® Core™2 Duo E6420 2.13GHz w/ 2x 1GB DDR2-800 +5V: 6.57A +12V: 3.53A
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

IB935	LGA775 PICMG 1.3 Q35 Full-Size CPU card with VGA, Gigabit LAN, 4x SATA II, 4x USB
IB935RF (By request w/ MOQ)	LGA775 PICMG 1.3 Q35 Full-Size CPU card with VGA, 1x Gigabit LAN, 1x PCI-E Gigabit LAN, 4x USB, 4x SATA II (w/ ICH9R)
IP314	PICMG 1.3 Backplane w/ 1x PCI-E (x16), 2x PCI-E (x4), 8x PCI, 2x ISA
IP380	PICMG 1.3 Backplane w/ 1x PCI-E (x16), 3x PCI-E (x1)

Remarks:

\* Specifications are subject to change without prior notice.