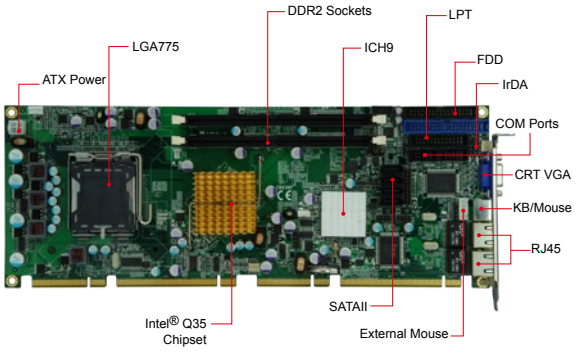
IB936

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

Intel® Core™2 Quad-Based



Features

- Support Intel® Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual-Core / Celeron® processors, 800/1066/1333MHz FSB
- 2x DDRII DIMM, Max. 4GB
- Integrated VGA(GMA3100), CRT support
- 2x Gigabit LAN
- 4x SATA II, 4x USB 2.0, 2x COM, Watchdog timer

Specifications

CPU Socket	LGA775 for Intel® Core™ 2 Quad / Core™ 2 Dual /Pentium® Dual-Core / Celeron® processors
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Intel® Q35 + ICH9, 800/1066/1333MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	Via backplane
VGA Controller	Intel® Q35 GMCH integrated graphics (GMA3100)
VGA Memory	Max. shared memory – 256MB
Display Interface	Supports CRT
Controller	2x Realtek RTL8111E PCI-E Gigabit LAN
Connector	2x RJ-45 on board
I/O Chipset	Winbond W83627EHG 1x IDE, 4x SATA II, 1x KB, 1x mouse, 1x FDD, 1x IrDA, 1x RS-232, 1x RS-232/422/485
USB	4 ports on board
Audio	Built-in HD audio+ Realtek ALC892 codec
Others	Digital I/O(4-in/4-out)
Dimensions	338mm x 126mm (13.31" x 4.96")
Max. Power Requirement	TBC
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)

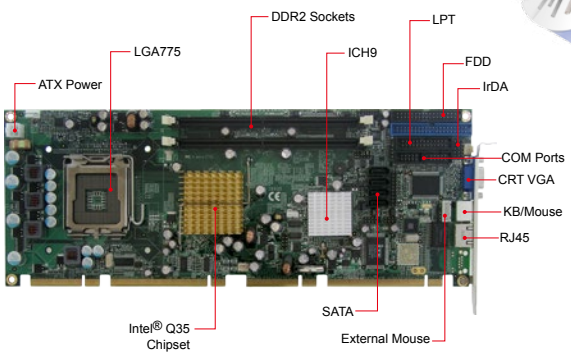
Ordering Information

IB936F	LGA775 PICMG1.3 Q35 Full-Size CPU card w/ VGA and dual Gigabit LAN

IB935

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

Intel® Core™2 Quad-Based



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

Specifications

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
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 Controller	2x Intel® 82566DM Gigabit LAN
Connector	RJ-45 on board
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)
Dimensions	338mm x 126mm (13.31" x 4.96")
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, 6x 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)