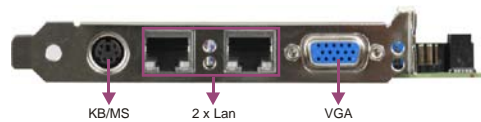
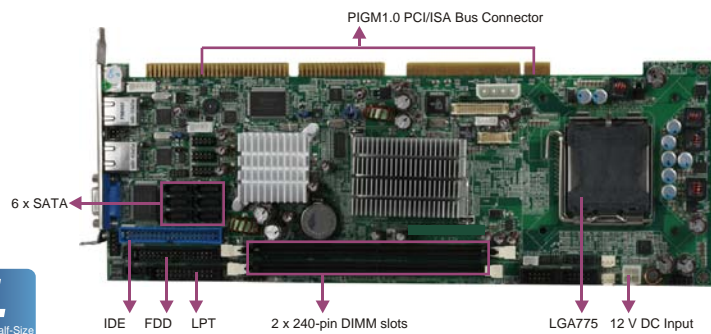


FSC-8811L2NAR



Full-Size PICMG1.0 LGA775 CPU Card with VGA/2GbE/Audio/Raid



- 1 Full-Size/Half-Size Slot CPU Cards
- 2 SBC/Motherboard Modules
- 3 Embedded Box PC
- 4 Network Application Computers
- 5 Industrial PC
- 6 HMI
- 7 EVOC Rugged Series
- 8 MCC Series
- 9 Chassis
- 10 Data Acquisition Boards & Modules
- 11 Accessories



Specifications

System	
Processor	Supports 533/800/1066MHz FSB Core™ 2Quad, Core™ 2 Duo, Pentium® D and Pentium® 4, Celeron D processor in the 775-pin package
Chipset	Intel® Q35 + ICH9DO
Memory	Supports 2 x 240-pin DIMMs, dual-channel, up to 4GB, optional DDR2 667/800
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PICMG1.0
Storage	
IDE	1 x IDE
Serial ATA	6 x Serial ATA 300MB/s interface (ICH9DO support RAID 0,1,5,10)
Floppy	1 x FDD
I/O Interface	
USB	6 x USB2.0 port, available interface of 5 x 9-pin header onboard
Serial Port	1 x RS-232, 1 x RS-232/422/485
Parallel Port	1 x LPT
IrDA	1 x IrDA Interface
GPIO	4-channel digital input/output TTL level
Audio	Onboard Realtek ALC888, supporting Intel® High Definition Audio
Keyboard/Mouse	1 x PS/2

Features

- PICMG1.0 Full-Size CPU Card
- Supports 800/1066/1333MHz FSB Core™ 2Quad, Core™ 2 Duo, Pentium® D and Pentium® 4, Celeron D processor in LGA775
- Supports 2 x 240-pin DIMM, up to 4GB of DDR2 667/800
- Supports 2 x 10/100/1000M/1000Mbps Ethernet interface
- Six SATA ports support up to 6 SATA3Gbps devices. Supports RAID0, RAID 1, RAID 5, and RAID10
- Supports CRT, Dual channel 24-bits LVDS LCD display and DVI interface Display
- Supports 6 x USB2.0, 1 x LPT, 2 x COM, 1 x PS/2, 1 x IrDA 6 x SATA2

Display

Chipset	Intel® Q35 integrated GMA3100 graphics engine
Memory	256MB shared memory
Resolution	VGA mode up to 2048 x 1536 @75Hz
Dual Display	Supports Dual display CRT+LCD, CRT+DVI or DVI +LCD

Ethernet

Chipset	2 x RTL8111C
Speed	10/100M/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental

Dimensions	338mm x 124mm
Operating Temperature	0°C~60°C
Storage Temperature	-40°C~70°C
Operating Humidity	5%-90%, non-condensing

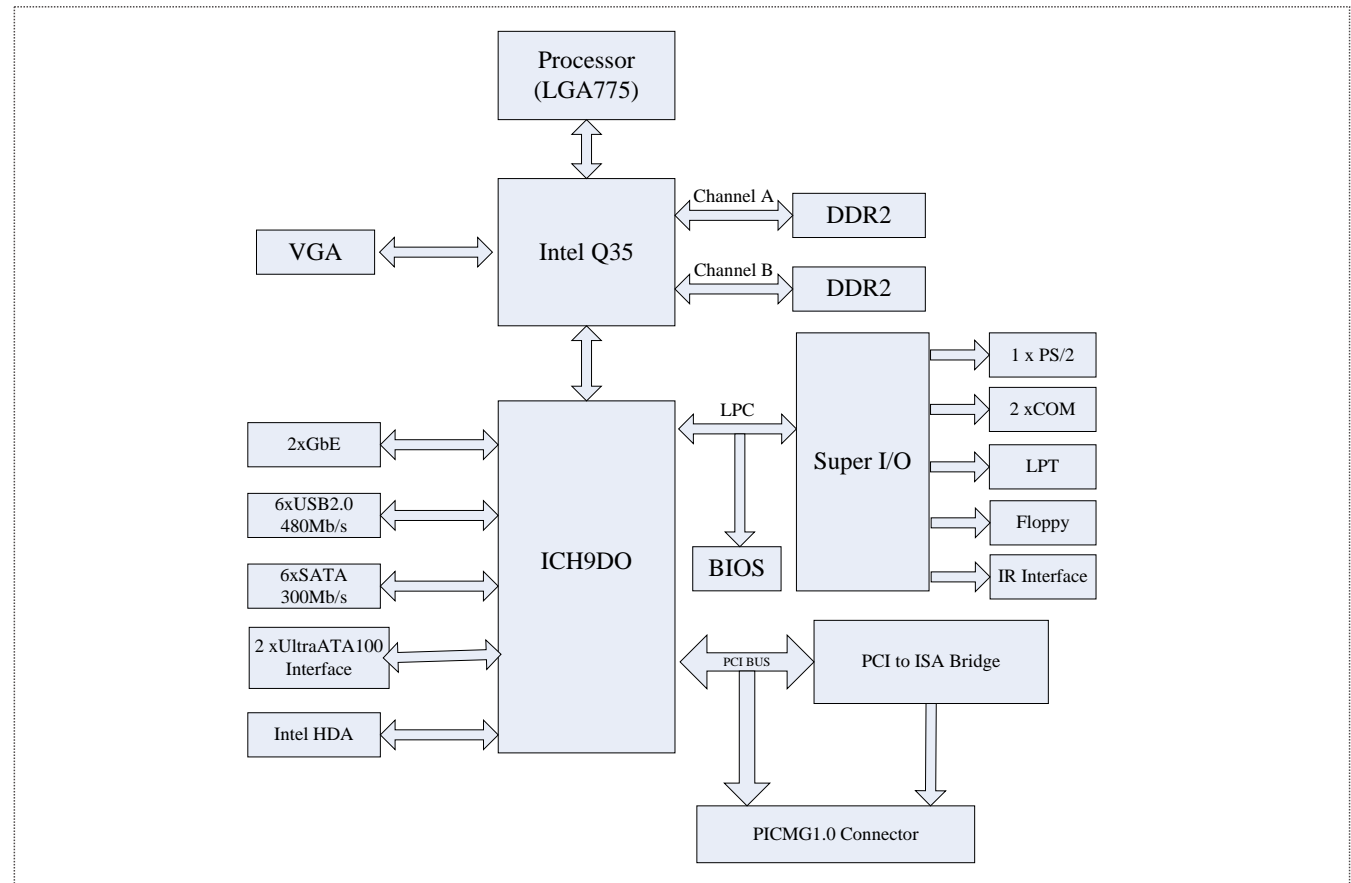
Power

Power Supply	Supports AT/ATX power supply
Power consumption	Typical 44.2W(Intel Core2Quad/Q9300/2.50GHz/6M/1333 CPU, Kingmax DDRII800 2GB memory)

Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE

Board Diagram



Available Accessories

Name	Description	Qty.
Audio ports and Dual USB ports with bracket/RoHS	Audio ports to one 2x5Pin connector (2.0mm pitch), length: 550mm/RoHS Two USB ports to one 2x5 Pin connector (2.0mm pitch), length: 550mm/RoHS	1
Y-cable for keyboard and mouse/RoHS	One minDIN port to two PS/2 ports, length: 250mm/RoHS	1
Serial port and Parallel port cable with bracket/RoHS	DB9 connector to 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS ; DB25 connector to 2x13 Pin, length: 265mm/RoHS	1
Serial port cable/RoHS	DB9 connector to 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS ;	1
SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	2

Ordering Information

Model Number	Description
FSC-8811L2NAR	Motherboard/RoHS

- 1 Full-Size/Half-Size Slot CPU Cards
- 2 SBC/Motherboard Modules
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