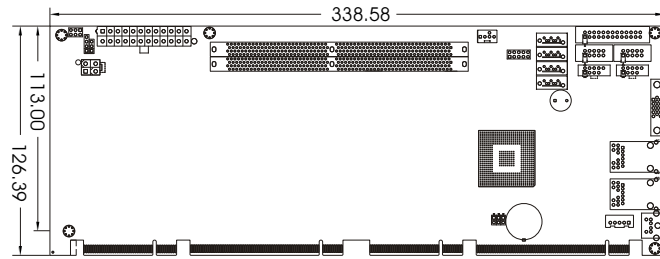
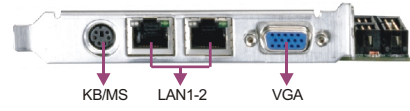
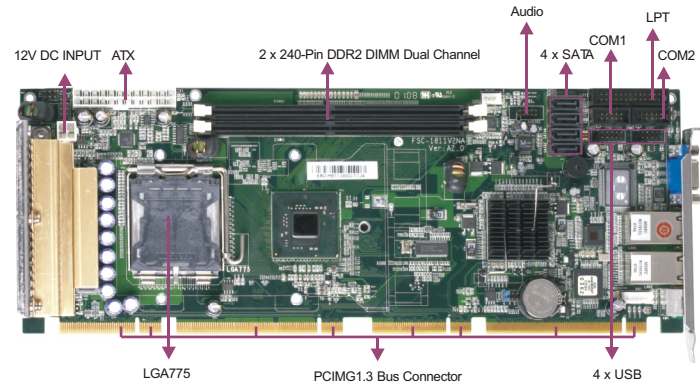


FSC-1811V2NA

Full-Size PICMG1.3 LGA775 CPU Card with VGA/2GbE /Audio



Features

- PICMG1.3 specification compliant
- Supports Core™ 2 Duo, Pentium® D and Pentium® 4 processor, with 800/1066MHz FSB
- Supports 2 x 240-pin DIMM, up to 4GB of DDR2 533/667/800 memory
- Onboard 2 x Intel® 10/100M/1000Mbps Ethernet controller
- Supports 4 x USB2.0, 4 x SATA, 1 x LPT, 2 x COM, 1 x PS/2

Specifications

System	
Processor	Supports 533/800/1066MHz FSB Intel® Core™2 Duo, Pentium® D, Pentium® 4, Celeron®D, Celeron® processor in 775-pin package
Chipset	Intel® Q965 + ICH8/ICH8R/ICH8DO
Memory	Supports 2 x 240-pin DIMM, up to 4GB of DDR2 533/667/800 double-channel memory
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	PICMG1.3 SHB Express
Storage	
IDE	N/A
Serial ATA	4 x Serial ATA 300MB/s interface, (ICH8R and ICH8DO support RAID 0,1,5,10)
Floppy	N/A
CF	N/A
DOC/DOM	N/A
I/O Interface	
USB	4 x USB2.0 Port, available interfaces of 2 x 9-pin header onboard
Serial Port	2 x RS-232, available interfaces of 2 x 10-pin header onboard
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	Onboard Realtek ALC888, supporting Intel® HDA, available interfaces of Speaker-out, Line-in and Mic-in
Keyboard/Mouse	1 x PS/2

Display	
Chipset	Intel® Q965 integrated graphics controller
Memory	256MB shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz
Dual Display	N/A

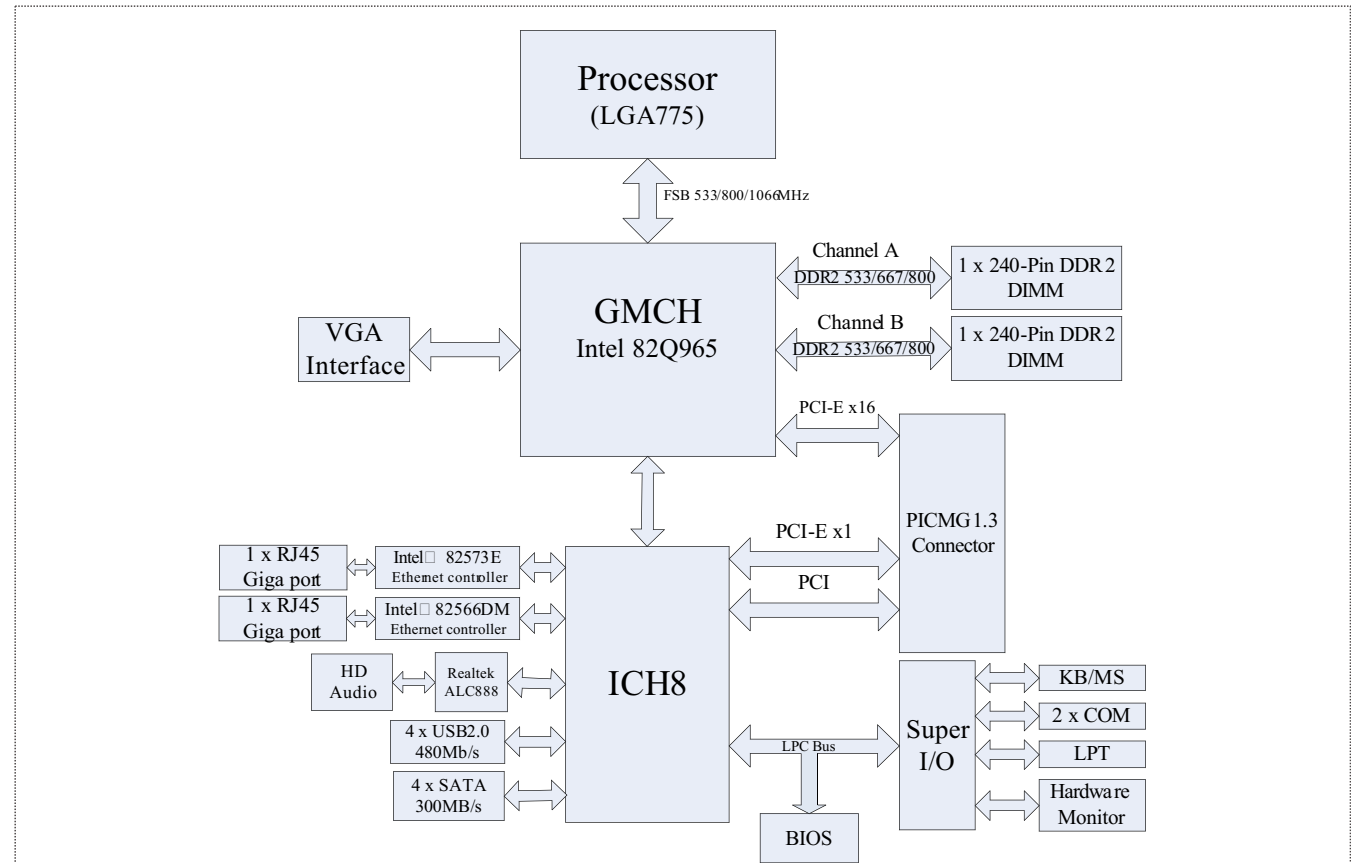
Ethernet	
Chipset	1 x Intel® 82573E and 1 x Intel® 82566DM
Speed	10/100M/1000Mbps
Connector	2 x RJ 45

Mechanical and Environmental	
Dimensions	338mm x 126mm
Operating Temperature	0°C~60°C (optional -20°C~70°C)
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing

Power	
Power Supply	Supports ATX power supply
Power Consumption	Typical 74.3W(Intel® Core™2 Duo E6400 CPU, 1GB DDR2 800 memory)

Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2330-000041	Jumper/RoHS	2.54mm pitch, blue	2
2360-002571	Dual USB ports with bracket/B4/RoHS	Two USB ports to one 2x5 Pin, length: 210mm/RoHS	1
2360-005031	Y-cable for keyboard and mouse/RoHS	One mini-DIN port to two PS/2 ports, length: 250mm/RoHS	1
2360-009931	Serial port with bracket cable/RoHS	DB9 connector to 2x5 Pin, length: 265mm/RoHS	1
2360-009941	Parallel and serial port cable with bracket/RoHS	DB25 connector to 2x13 Pin, DB9P connector to 10-Pin (2x5)/RoHS	1
2360-011211	Audio cable with bracket/RoHS	Three audio jacks to one 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS	1
2360-017961	SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	1
1030-100411	Motherboard (with cooler)/RoHS	FSC-1811V2NA/65W	1
N/A	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE8)	1
N/A	User's Manual/RoHS	FSC-1811V2NA	1
N/A	Driver CD/Protective film/RoHS	FSC-1811V2NA	1

Related Product

Item	Typical Recommendation
Intel® Core™2 Duo Series	E7300, E6400, E4300
4U Chassis + Backplane	4U Chassis: IPC-810B, IPC-8421, IPC-2402, IPC-2403, IPC-2404, SPC-0401 Backplane: PCI-6110E5
Power Supply	ATX 270W/350W/400W/500W Power Supply (optional)

Ordering Information

Part Number	Model Number	Description
0030-005841	FSC-1811V2NA/65W	Motherboard/RoHS
0030-005840	FSC-1811V2NA/65W	Motherboard
0030-012301	FSC-1811V2NA/95W	Motherboard/RoHS
0030-012300	FSC-1811V2NA/95W	Motherboard