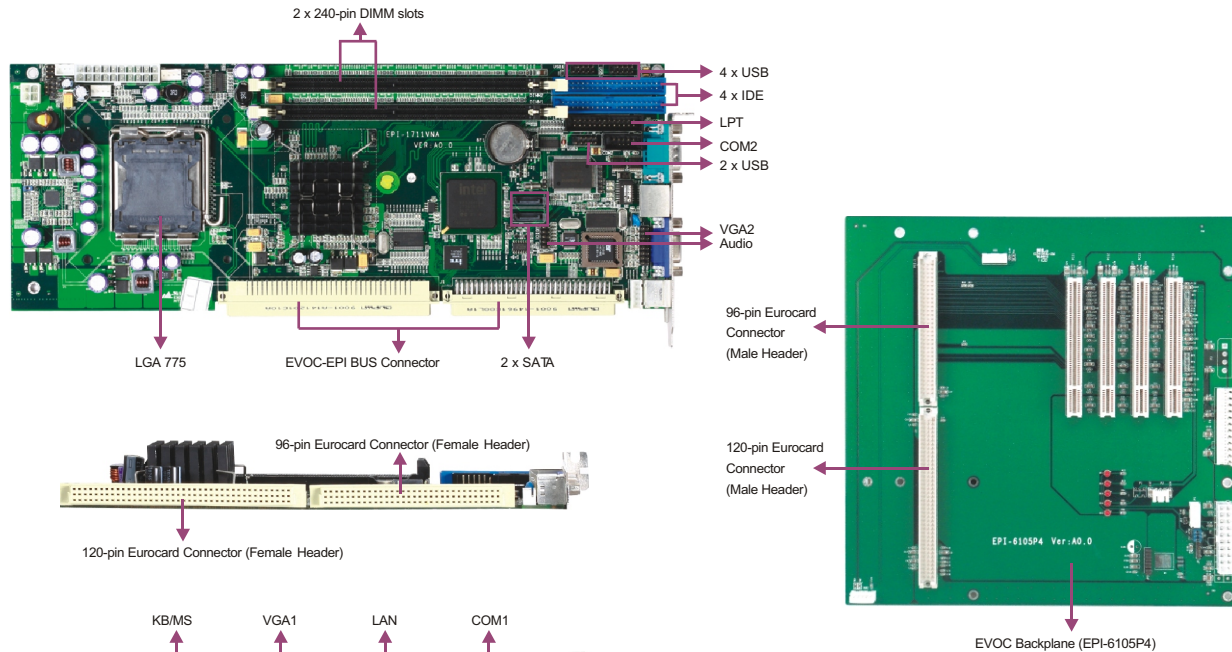
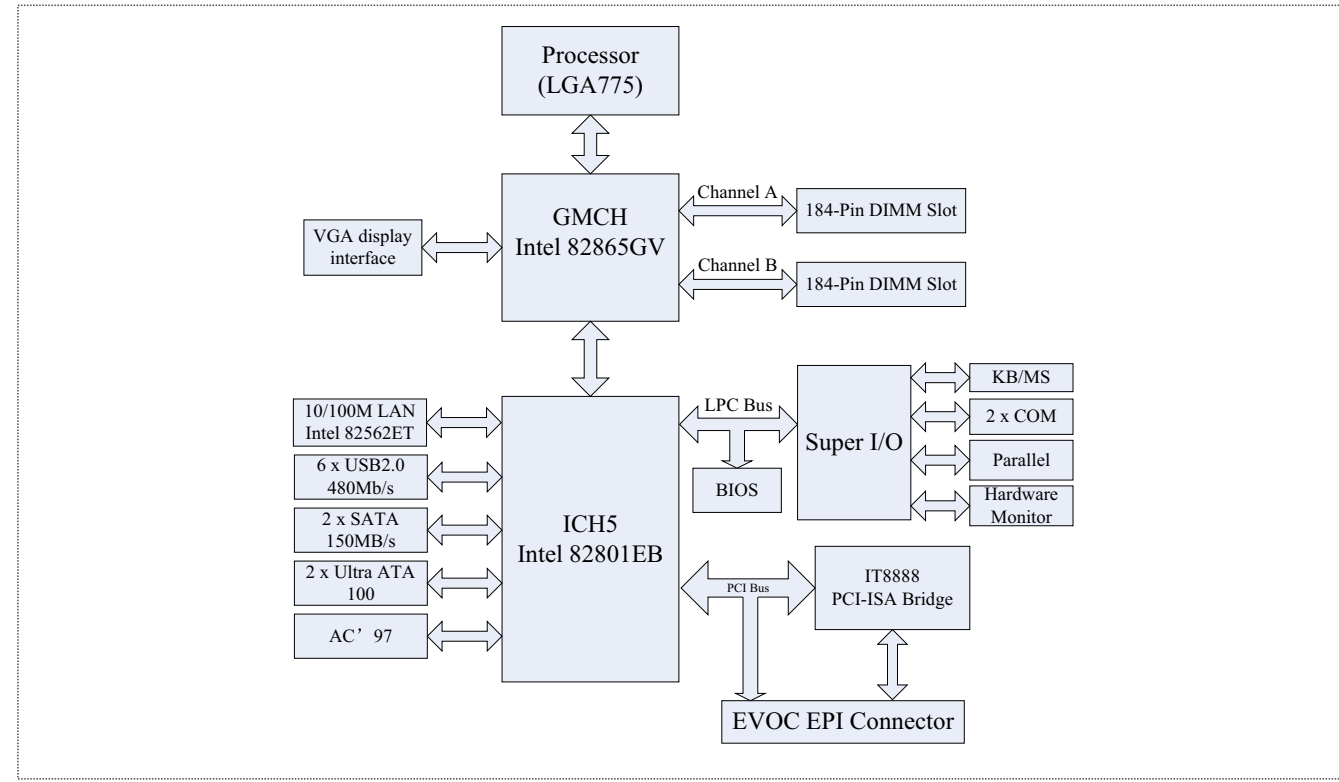


EPI-1711VNA

Full-Size EVOG EPI Bus CPU Card with VGA/LAN/Audio



Board Diagram



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

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories

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

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories

Features

- EVOG EPI Bus specification compliant
- Compliance with PICMG 1.0 PCI/ISA standard
- EVOG EPI connector consists of 1 x 96-Pin(3 x 32) and 1 x 120-pin(3x40) Eurocard connector
- Excellent anti-shock and anti-vibration performance
- Supports 533/800 FSB Intel® Pentium® 4, Celeron® D and Pentium® D processor
- Supports 2 x 184-Pin DIMM, up to 2GB DDR memory
- Onboard 1 x Intel 10/100Mbps Ethernet controller
- Supports 6 x USB2.0, 1 x LPT, 2 x COM, 1 x PS/2, 2 x SATA, 2 x IDE100

Display

Chipset	Intel 865GV intergraded graphics controller
Memory	64MB Shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz

Ethernet

Chipset	Intel 82562ET
Speed	10/100Mbps
Connector	1 x RJ45

Mechanical and Environmental

Dimensions	338.58mm x 126.92mm
Operating Temperature	-25°C~60°C
Storage Temperature	-25°C~75°C
Operating Humidity	5%-95%, non-condensing

Power

Power Supply	Supports ATX/AT power supply
Power consumption	Typical 123.6W(Pentium® D 2.8G/800MHz CPU, 2 x 1G DDR memory, 320G SATA hard disk)

Operating System

Windows OS	Windows 98 SE/Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded



Specifications

System

Processor	Supports 533/800MHz FSB Intel® Celeron® D, Pentium® D and Pentium® 4 processor in LGA775
Chipset	Intel 865GV+ICH5
Memory	Supports 2 x 184-Pin DIMM, up to 2GB DDR 266/333/400 memory
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt by software
Expansion Interface	Compatible with PICMG 1.0 and EVOG EPI bus

Storage

Serial ATA	2 x Serial ATA 150MB/s interface
IDE	2 x ATA 100/66/33MB/s interface
Floppy	N/A

I/O Interface

USB	6 x USB2.0 Port
Serial Port	2 x RS-232
Parallel Port	1 x LPT
Audio	Onboard Realtek ALC655, available interfaces of 10-Pin header onboard, supports Mic-in, Line-in and Speaker-out
Keyboard/Mouse	1 x PS/2

Available Accessories

Part Number	Name	Description	Qty.
N/A	Jumper/RoHS	AMI/BIOS Setup Guide (for CORE/8)	1
N/A	P4 power cable/RoHS	EPI-1711VNA	1
N/A	Dual USB ports with bracket/B4/RoHS	EPI-1711VNA	1
2340-001481	Y-cable for keyboard and mouse/RoHS	775 cooler ALP752A-2B 4-line GP	1
2360-000431	HDD flat cable/RoHS	5P to 3P/ATX/Power cable/FSC-1731VNRA	1
2360-002571	FDD flat cable/RoHS	Two USB ports to one 2x5 Pin, length: 210mm/RoHS	2
2360-005031	Parallel port cable/RoHS	One Mini-DIN port to two PS/2 ports, length: 250mm/RoHS	1
2360-008331	Serial port cable/RoHS	DMA66/HDD/CABLE/40P/80-line/length: 450mm	1
2360-009081	Power cable/RoHS	40P/Hard disk/Data/Cable/DMA33/150/350	1
2360-009941	Driver CD/Protective film/RoHS	DB25 connector to 2x13 Pin, DB9P connector to 10-pin (2x5)/RoHS	1
2360-011141	Setup Guide/RoHS	Three audio connectors with bracket to 10-Pin, length: 300mm/FSC-1731VNRA	1
2360-017961	User's Manual/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	1

Related Product

Item	Typical Recommendation
Intel® CPU	Pentium® 4 3.06G/533MHz, Celeron® D 2.80G/533MHz Pentium® 4 3.00G/800MHz, Pentium® D 2.80G/800MHz
4U Chassis + Backplane	4U Chassis: IPC-810B, IPC-8421, IPC-2402, IPC-2403, IPC-2404, SPC-0401 Backplane: EPI-6105P4, EPI-6113LP4, EPI-6114P11
Power Supply	ATX 270W/350W/400W/500W Power Supply (optional)

Ordering Information

Part Number	Model Number	Description
0030-000460	EPI-1711VNA	Motherboard
0030-000461	EPI-1711VNA	Motherboard/RoHS
0030-000470	EPI-1711VNA(PCI)	Motherboard