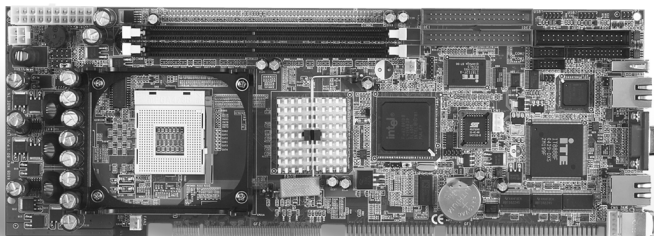


# FSB-860B

Industrial Computing Platform Partner

## Intel® Pentium® 4 PICMG Full-size SBC



### Specifications

System	
Form Factor	PICMG Full-size SBC
Processor	Intel® Pentium® 4/ Celeron® / Prescott CPU, FSB: 400/533MHz, supports up to 3.06GHz CPU
Main Chipset	Intel® 845GV and Intel® 82801DB(ICH4)
System Memory	2x184Pin 2.5V DDR DIMM Socket, total up to 2GB, supports DDR333 memory (DDR266/333)
VGA Controller	Integrated on Intel® 845G, AGP 4X, Core frequency up to 266MHz
Ethernet	10/100Mb or 10/100/1000Mb LAN optional, RJ-45x2, Intel® 82562ET, Intel® 82551QM/82541GI Controller
Audio (Daughter Board)	Realtek ALC655 AC97 Codec, MIC-in/Line-in/Line-out/CD-in
BIOS	Award Plug & Play Firmware Hub BIOS-4Mb ROM
IDE Interface	ATA-100 x2 Channel (Supports two ATAPI devices)
Floppy Drive Interface	One standard FDD port, supports up to two floppy devices
Serial Port	Two COM ports: (Internal Pin Header, External D-subx2) COM1: RS-232 COM2: RS-232/422/485
Parallel Port	Supports SPP/EPP/ECP mode
Keyboard and Mouse	One Mini-DIN PS/2 Keyboard and Mouse Connector One internal keyboard pin header
Universal Serial Bus	Five USB 2.0 ports Two 5x2 pin headers for internal One Type-A connector onboard
CompactFlash	Supports CFD Type II connector
Expansion Interface	PICMG
IR Interface	Supports one IrDA header
Watchdog Timer	1~255 sec., 64 level and can be set with software on Super I/O
RTC	Internal RTC
LCD Interface	up to 36-bit dual channel TTL/LVDS TFT/DSTN LCD
Power Supply Request	ATX 12V, 5V
Operation Temp.	32°F ~ 140°F (0°C ~ 60°C)

### Features

- Supports Intel® Pentium® 4 CPU Up to 3.06GHz
- DDR333 Memory Supports Up to 2GB
- Integrated AGP 4X 2D/3D Graphics Accelerator, VGA Output Support
- Integrated AC97 Codec Audio (Daughter Board Optional)
- Supports Dual 10/100Base-TX Ethernet (One 10/100 &GbE Optional)
- Supports Ultra ATA100 & CompactFlash™ Type II Storage
- 5 USB2.0/ 1 RS-232, 1 RS-232/422/485/ 1 Parallel/ 1 IrDA Port
- Watchdog Function 1~255 sec.
- ISA High-driver Supports Up to 20 Slots 64mA Fan-out

### Packing List

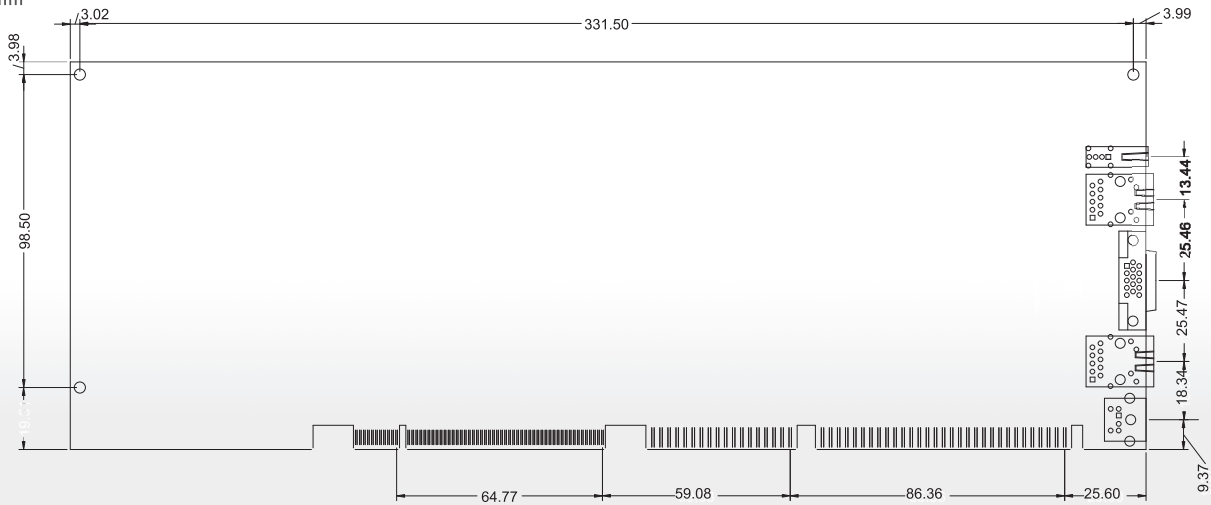
- 1701340704 Flat Cable, 34P, 70cm, GRAY for FDD
- 1701400453 Cable, 40P 2.54mm IDC w/Nose w/Fold, 40P 2.54mm IDC w/ Nose w/Fold, 45cm, Blue ATA-100
- 1709100201 USB Cable, 20cm 2.0mm.w/Bracket
- 1701010302 Parallel+Serial Port Cable
- 1700060192 Cable, 6P-6P-6P, 19cm, IVORY PS2/ K/B&Mouse
- 1701260307 Flat Cable, 9P/DB9P MALE&25P DB25P FEMALE, 10P 2mm & 26P 2mm/ IDC NO FOLD, 30cm, w/Bracket
- 1701100305 Flat Cable, 9P/DB9P MALE, 10P/ 2.0mm Pitch/ IDC NO FOLD,30cm, w/Bracket
- 1703030501 Wire, 3P 2.5mm Housing, 3P 2.5mm Housing, 50cm
- Quick Installation Guide
- Utility CD
- FSB-860B

### Ordering Information

- FSB-860B-A10-V**  
Full-size CPU Card,Socket 478 for Pentium® 4,VGA,5 USBs, CF.AC97, ATX, Rev 1.0
- FSB-860B-A10-VE**  
Full-size CPU Card,Socket 478 for Pentium® 4, VGA,1LAN, 5 USBs, CF, AC97, ATX, Rev 1.0
- FSB-860B-A10-VG**  
Full-size CPU Card,Socket 478 for Pentium® 4,VGA,1GbE LAN, 5 USBs, CF, AC97, ATX, Rev 1.0
- FSB-860B-A10-E2**  
Full-size CPU Card,Socket 478 for Pentium® 4,VGA,2 LANs, 5 USBs, CF, AC97, ATX, Rev 1.0
- FSB-860B-A10-F**  
Full-size CPU Card,Socket 478 for Pentium® 4, VGA, 1 LAN, 1 GbE LAN,5 USBs, CF, AC97, ATX, Rev.1.0

## Dimension

Unit : mm



## Passive Backplane Options

Model Name	Backplane Type	Slots				Power Connector	Configuration Chassis
		Total	PICMG	PCI	ISA		
BP-213RG-P4-A11	PICMG	14	2	4	8	AT, ATX	ARC-640, 645
BP-214SG-P4-A11	PICMG	14	2	4	9	AT, ATX	ARC-640, 645
BP-214SG-P7-A11	PICMG	14	2	7	6	AT, ATX	ARC-640, 645
BP-214SG-P12-A11	PICMG	14	2	12	2	AT, ATX	ARC-640, 645
BP-208SG-P4-A11	PICMG	8	2	4	3	AT, ATX	AMC-280
BP-208SG-P7-A11	PICMG	8	1	7	0	AT, ATX	AMC-280
BP-206SG-P4-A11	PICMG	6	1	4	2	AT, ATX	AEC-206
BP-206VG-P4-A11	PICMG	6	1	4	0	AT, ATX	ARC-620, 625

## Optional Accessories

- **PER-U00A**  
Audio Daughter Board
- **1759200004**  
CPU Cooler Fan for Pentium® 4. 3.2G. 3P. 12V. One ball bearing
- **1759200154**  
CPU Cooler Fan + Heat Sink, Socket 478. 3P. 12V. 1U Low Profile. P4 2.4G
- **1701400802**  
Flat Cable. 40P-40P-40P (UL: 2651, 15cm+65cm) 80cm. for ATA 33
- **1701400800**  
Flat Cable. 40P-40P-40P (UL: 20674, 15cm+65cm) 80cm. for ATA 100
- **1701400702**  
Flat Cable. 40P ATA-100. 2.54mm. BLUE/GRAY/BLACK. 70cm for Hard Disk Drive
- **1709070780**  
SATA Cable. 7P Pitch 1.27mm. 78cm

1

Full-size SBC

2

Half-size SBC

3

Embedded Motherboards

4

Mini PCI Modules

5

Industrial backplanes

6

Industrial Chassis

7

Sun-readable LCD Monitors

8

Accessories