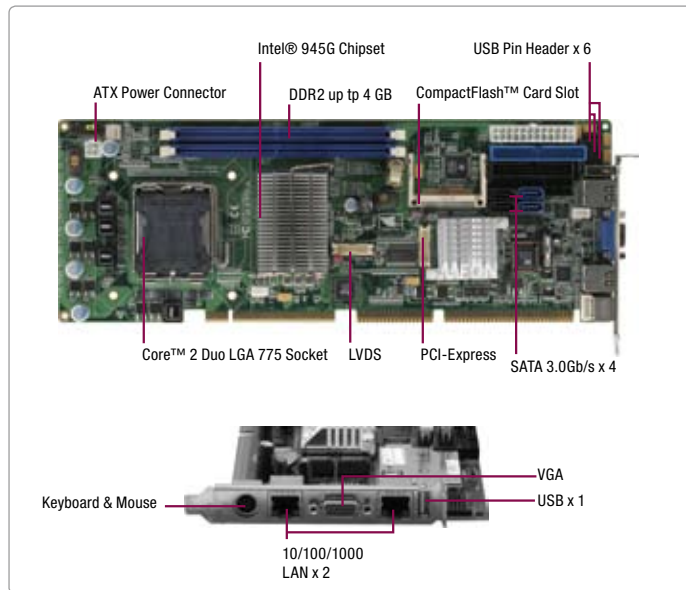


# FSB-868G

Full-Size SBC With Intel® Core™ 2 Duo LGA775 Processor



## Specifications

System	
Form Factor	PICMG Full-Size SBC
Processor	Intel® Pentium® 4/ Celeron® D/ Core™ 2 Duo , LGA 775 Package, FSB 533/800/1066 MHz
System Memory	240-pin 1.8V DDR2 DIMM Socket x 2, up to 4 GB Support Dual-channel DDR2 memory (DDR2 533/667 )
Chipset	Intel® 945G + ICH7 (ICH7R RAID 0,1 optional)
Ethernet	Marvell® 88E8036 controller: 10/100base-TX Marvell® 88E8053 controller: 10/100/1000Base-TX (optional) RJ-45 x 2
BIOS	Award Plug & Play FWH BIOS - 8 Mb ROM
Expansion Interface	ISA/ PCI/ PCI-Express Connector (30-pin box header)
Watchdog Timer	1~255 steps, can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium Battery
Power Requirement	ATX2.1
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size	13.3"(L) x 4.8"(W) (339mm x 122mm )
Gross Weight	1.2 lb (0.5 kg)
MTBF (Hours)	65,000
Power Consumption (Typical)	65W, with Intel® Core™ 2 Duo E6700 2.66 GHz/FSB 1066 MHz/ 4 MB L2 Cache
EMC	CE/ FCC Class A
Display	
VGA Controller	Integrated VGA on Intel® 945G, Core™ frequency up to 400 MHz
Memory	Shared memory up to 256 MB
Resolutions	Up to 2048 x 1536 @ 32bpp for CRT Up to 1600 x 1200 @ 24-bit for LCD
LCD Interface	18/24-bit LVDS dual-channel support
I/O	
	Winbond W83627EHG
Storage	ATA-100 x 1 (Supports ATAPI device) SATA 3.0Gb/s x 4 CompactFlash™ Type 2 x 1 Standard Floppy Connector x 1
Serial Port	COM Port x 2 (Internal Pin Header x 2) COM 1: RS-232 COM 2: RS-232/ 422/ 485
Parallel port	Parallel port supports SPP/ EPP/ ECP mode x 1
Universal Serial Bus	USB2.0 x 7 (Internal 5x2-pin header x 3, up to 6 USB, TYPE-A Connector onboard x 1)
PS/2 Port	Keyboard x 1, Mouse x 1
Audio (Daughter Board)	Realtek ALC655 AC97 Codec, MIC-in/Line-in/Line-out/CD-in optional
IrDA	Supports One IrDA Header

## Features

- Intel® Core™ 2 Duo/ Pentium® 4/ Celeron® D LGA775 Processor
- Intel® 945G + Intel® ICH7 (ICH7R)
- DDR2 533/667 Memory Up To 4 GB
- 10/100Base-TX Ethernet x 2 (Gigabit Ethernet Optional)
- Integrated GMA950 2D/3D Graphics Accelerator, VGA Support, Dual-channel LVDS Output (Optional)
- AC97 Codec Audio Daughter Board (Optional)
- Ultra ATA100 x 1, SATA 3.0Gb/s x 4, CompactFlash™ Type 2 x 1
- USB2.0 x 7, COM x 2, Parallel x 1, IrDA x 1
- ISA, PCI, PCI-Express Expansions
- ATX 2.1
- PICMG 1.0



## Packing List

- **1701340704**  
Flat Cable, 34P, 70cm, Gray for Floppy Disk Drive
- **1701400453**  
Cable, 40P 2.54mm IDC with —se with Fold, 40P 2.54mm IDC with —se with Fold, 45cm, Blue ATA-100, B016-009-2
- **1700060192**  
Cable, 6P-6P-6P, 19cm, Ivory PS2/ Keyboard & Mouse
- **1701260307**  
Flat Cable, 9P/DB9P Male & 25P DB25P Female, 10P 2mm & 26P 2mm/IDC — Fold, 30cm, with Bracket, A002-015
- **1701100305**  
Flat Cable, 9P/DB9P Male, 10P/2.0mm Pitch/IDC — Fold, 30cm, with Bracket
- **1703030501**  
Wire, 3P 2.5mm Housing, 3P 2.5mm Housing, 50cm
- **1709100201**  
USB Cable, 20cm 2.0mm, with Bracket
- **1709070780**  
4 SATA Cables, 7P Pitch 1.27mm, 78cm
- **1759200161**  
CPU Cooler Fan, for LGA775 Pentium® 4 3.6G, 4P, 12V, Dual ball bearing, LGA-775-91502
- **21304866G0**  
Sponge, FSB-866G, 400 x 185 x 10 mm, Black
- **211866G001**  
Inside Box, FSB-866G, 120 x 80 x 88 mm
- **Product CD**
- **FSB-868G**

