



BCM Advanced Research
an Avalue Company
 7 Marconi, Irvine, CA 92618
 (949)470-1888 | FAX: (949)470-0971
 www.bcmcom.com

ATX Motherboard

BC875PLG-LF

Intel® Pentium® 4/ Celeron®/ Celeron® D
 mPGA 478 Socket ATX Motherboard

Features

- Intel® Pentium® 4/ Celeron®/ Celeron® D mPGA 478 Socket with 400/533/800MHz FSB
- Intel® 82875P MCH with 1 x AGP 8X Slot + Intel® 82801ER ICH5R Chipsets
- 4 x DIMM up to 4GB Dual Channel ECC/Non ECC Memory
- Realtek® ALC655 AC'97 support 6 CH Audio, SPDIF
- Intel® 82562ET 10/100Mbps LAN and Intel® 82547EI Gbit LAN
- 1 x AGP, 6 x PCI, 1 x ISA
- 2 x SATA RAID 0 & 1, 2 x COM, 8 x USB, 3 x IEEE1394
- ATX Form Factor (12" x 9.6")
- RoHS Compliant



Specifications

System

CPU	Intel® Pentium® 4/Celeron®/ Celeron® D mPGA 478 Socket 400/533/800MHz FSB
Core Logic Chipsets	Intel® 82875P MCH Intel® 82801ER ICH5R
System Memory	4 x 184-pin DIMM Sockets Support up to 4GB Dual Channel PC3200 DDR ECC/Non ECC
BIOS	Award 4MB FWH BIOS
Expansion Interface	1 x AGP 8X Slot 6 x 32-bit PCI Slots 1 x ISA Slot
Additional Features	Power Management APM version 1.2 Support RAID

Onboard I/O

PS/2	1 x K/B, 1 x Mouse
IDE	2 x IDE Connectors
SATA	2 x SATA Connectors (RAID 0 & 1)
USB	8 x USB 2.0 Ports
IEEE 1394	2 x IEEE1394 Ports, 1 x IEEE supported by Header
Parallel Port	1 x Parallel Port
Serial Port	2 x Serial Ports
IrDA	1 x IrDA Tx/Rx Header

Display

Chipset	Intel® 82875P MCH
---------	-------------------

Audio

AC'97 Codec	Realtek® ALC655 support 6 CH Audio
Audio Interface	Line-Out, Line-In, Mic-In, Center-Out, Subwoofer-Out, CD Audio-In and Aux-In, SPDIF



Ethernet

Chipset	Intel® 82562ET and Intel® 82547EI
Speed	10/100Mbps and 10/100/1000Mbps

Mechanical and Environment

Power Supply Voltage	+3.3 V, +5 V, +12 V, +5 VSB, -5 V
Power Type	ATX
Operating Temperature	0° C to 60° C
Operating Humidity	-20° C to 80° C
Form Factor	ATX
Dimensions	12" (L) x 9.6" (W)
Weight	1.95 lbs

Ordering Information

Part Number	Description
BC875PLG-LF	BC875PLG RoHS replacement - Intel® 875P chipset, 1 10/100 LAN, 1 Gbit LAN, 1 AGP, 6 PCI, 1 ISA, 2 IDE, 2 SATA, 3 1394, 2 COM, 8 USB, RAID
BC875PLG	Intel® 875P chipset, 1 10/100 LAN, 1 Gbit LAN, 1 AGP, 6 PCI, 1 ISA, 2 IDE, 2 SATA, 3 1394, 2 COM, 8 USB, RAID (Non-RoHS)

* All product specifications are subject to change without notice. Last update: 10/18/06

Consistency • Quality • Long-life