

# Olympus II (Series 821)

## Key features

- Intel® 815E Chipset
- Intel Celeron/Pentium® III Tualatin and Coppermine Support
- 133 MHz FSB
- Dual Channel ATA/100
- Three PCI Slots
- One AGP Slot
- 512 MB PC133 Unbuffered SDRAM
- On-Board 10/100 LAN



**Entry-level, all-in-one, small form factor single processor, embedded motherboard that can be used in a wide range of server and workstation applications**

### CPU Support

Intel® Pentium® III Tualatin and Coppermine CPUs  
100/133 MHz FSB  
Intel Celeron® Processors with 66/100 MHz FSB  
Single Socket 370

### Core Logic Chipset

Intel 82815E™ (GMCH) and Intel 82802 (ICH2)

### Main Memory

512 MB 133 MHz Unbuffered SDRAM  
Two 168-Pin DIMM Sockets

### Cache Memory

Provided via Celeron Processor/Pentium III

### On Board VGA

Intel 815E Integrated VGA  
System Memory will be Shared for VGA Memory

### CMOS

Integrated RTC Inside INTEL ICH2 with External Lithium Battery

### AMIBIOS

AMI Desktop BIOS  
- 4Mbit AMIBIOS in Flash EPROM  
- PnP, DMI, ACPI

### On-Board LAN Support

10/100 Base T with Integrated MAC and PHY  
Intel 82559ER

### On-Board USB Support

2 X USB Masters by Core Logic ICH2

### IDE Features

Dual Channel ATA/100  
Up to Four Drives Supported  
S.M.A.R.T. Support

### Integrated I/O

Two Serial Ports with 16550A UARTs  
One Parallel Port  
One FDD Interface  
Gameport/MIDI Port  
Expansion Slots  
One AGP Slot  
Three PCI Slots (3.3 Volt/5 Volt)

### Audio

Audio Controller: Integrated Analog Devices CS4299  
(AC97 2.1 Compliant Codec) or Equiv  
Power Amp: Dual 250 mW/Channel Audio Amp

### Green Function

Hardware/Software Suspend/Resume and Soft On/Off

### Footprint

MicroATX

### Environmental Specifications

Storage Temperature:  
-20 Degrees to 80 Degrees C  
Relative Humidity:  
Five to 95 Percent Non-Condensing at 40 Degrees  
Operating Temperature:  
0 to 45 Degrees C  
Vibration:  
2.5G Acceleration Over 2000 Hz Sine Wave, 2 Oct/Mian  
Sine Sweep  
Shock:  
30G; 11Msec Duration, Half -Sine Shock Sweep

### Operating System Support

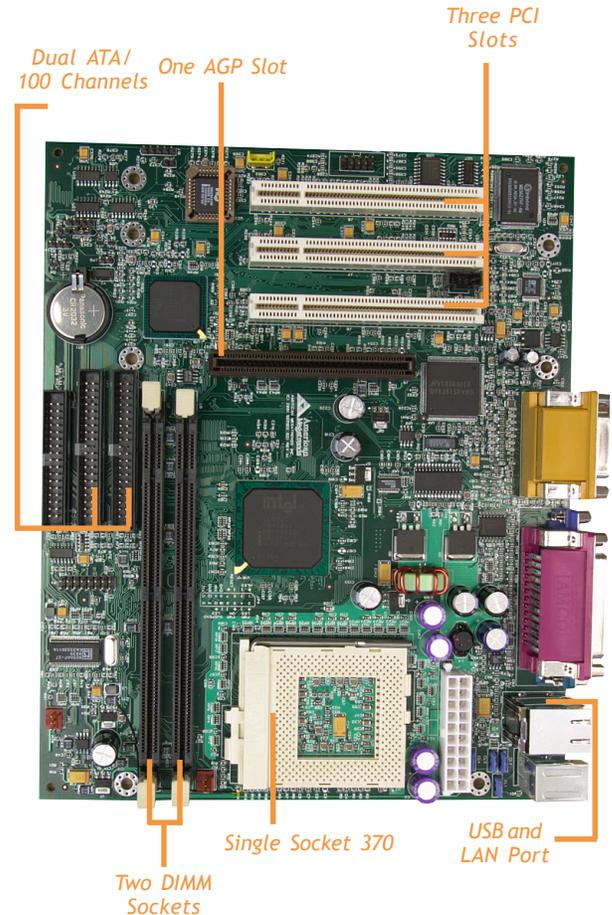
Microsoft Windows 95/98/ME, NT 4.0/2000, Linux/Unix

### Warranty

Three Year

### Regulatory

The Design will Incorporate all the EMI Suppression Techniques Standard for a PC Motherboard  
The Compliance Method will Require it to be Mounted Inside a Case and the Whole System Needs to be Tested  
AMI will Provide all Technical Support Needed for Compliance



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