

# UP1000 Motherboard

## Quick Start Guide

Document UP1000-QSG — Alpha Processor, Inc.

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### In the Box

- UP1000 motherboard with Alpha 21264 Slot B processor module installed
- I/O shield and mounting screws
- IDE and floppy ribbon cables
- This Quick Start Guide

### Quick Setup

1. Ground yourself and the chassis before handling the board; the Alpha 21264 module is static-sensitive.
2. Install the board into an ATX chassis with the supplied I/O shield, then seat and screw down the Slot B processor module if it shipped separately.
3. Install one to three PC100 unbuffered DIMMs (64MB–768MB total) into the memory sockets nearest the processor module.
4. Connect the ATX power connector, IDE/floppy cables, and front-panel switch/LED headers.
5. Connect a display to the AGP or PCI graphics card, keyboard and mouse to the PS/2 ports.
6. Power on. The board initializes to SRM console by default; from SRM, boot Linux for Alpha directly, or switch to AlphaBIOS first if you are installing Windows NT.

### Key Specifications

- Processor: one Alpha 21264, 600MHz (2MB L2) or 700MHz (4MB L2)
- Chipset: AMD-751 System Controller + ALi M1543C South Bridge
- Memory: three PC100 DIMM sockets, 64MB–768MB, 800MB/s peak bandwidth
- Expansion: four 32-bit PCI slots, two ISA slots, AGP graphics
- I/O: dual USB, dual serial, one parallel, UDMA IDE x2, PS/2

### Getting Help

Full specifications are in the UP1000 Technical Reference Manual and User's Manual, available from the Downloads section of this site. For setup assistance, call the Customer Support Hotline at (978) 318-1181.