Firstech Technology CO., LTD

## F845E2 Pentium 4 Motherboard

F845E2 Key Features ATX form factor • Intel 845E+ICH2 • Support Intel P4 processor Support 400/533 MHz FSB Support maximum 2GB DDR266 SDRAM with 2 DIMMs • Support one 1.5V AGP 4X slot • Support 6 PCI slots and 1 CNR slot • Support USB 1.1 four ports • Realtek 8100B LAN on board option CPU - Supports Intel® Pentium® 4 processor in 478 pin package.
- Supports 1.5GHz, 1.6GHz, 1.7GHz, 1.8GHz, 1.9GHz,2GHz, 2.1GHz, 2.2GHz and up. Chipset
Intel® 845E (593 FC-BGA) Chipset - Supports DDR SDRAM at 200/266MHz operation (DDR200/DDR266). - AGTL+ host bus with integrated termination supporting 32-bit host addressing. - 1.5V AGP interface with 4x data transfer and 4x fast write capability. - 8-bit, 66MHz 4x hub interface to the Intel ICH2. Intel® ICH2 (360 EBGA) Chipset - Upstream hub interface for access to the Intel MCH. - 2-channel Ultra ATA/100 Bus Master IDE controller. - USB controller 1.1 (expanded capabilities for 4 ports). - I/O APIC. NEWS Conta About Firstech Product e-Service - SMBus controller. - FWH interface. - LPC interface. - AC'97 2.1 interface. - PCI 2.2 interface. - Integrated system management controller. FSB - Support 100/133 MHz FSB. - Support 400/533 MHz Intel NetBurst micro-architecture bus. Supports four memory banks 184-pin 2 DDR DIMMs. Supports up to 2GB PC2100/PC1600 DDR SDRAMs. - Supports 2.5v DDR SDRAM. **Slots** - One AGP (Accelerated Graphics Port) 4x slot (1.5V only). - Six PCI 2.2 32-bit Master PCI bus slots (support 3V, 5V PCI bus interface). - One CNR (Communication Network Riser) slot. NOTE: If plugging in 3.3v AGP card system won't be powered on. On-Board IDE An IDE controller on the ICH2 chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA66/100 operation modes. - Can connect up to four IDE devices Realtek ALC201A AC-97 2.1 Codec on board. On-Board Peripherals On-Board Peripherals include: 1 floppy port supports 2 FDDs with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes.
2 serial ports (COM A + COM B).
1 parallel port supports SPP/EPP/ECP mode. - 1 IrDA connector for SIR/ASKIR/HPSIR. - 1 Audio/Game port - 4 USB ports (2 on board, 2 extendable). - The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically. 30.5 cm(L) x 22 cm(W) ATX Form Factor. Special Options Realtek 8100B on board option.
Realtek ALC650 6 Channel Audio on board option.